

Faucets

KITCHEN

American Standard

Colony Soft



- Metal Lever Handle
- Cast Brass Spout
- With Spray Through Escutcheon

Model No.	Finish	Prod. No.	List Price
With Spray			
4175.501-002	CH	1414165	112.55
Less Spray			
4175.500-002	CH	1414170	95.94

Lakeland



- Metal Lever Handle
- Spout: 10-1/2" Long
- Color matched hand spray

Model No.	Finish	Prod. No.	List Price
With Spray			
4114.001-002	CH	1400815	255.23
4114.001-075	SS	1400820	306.48

Reliant +



- 3/8" O.D. Copper Inlets
- 8 1/8" Tubular Spout
- Lever Handle

Model No.	Finish	Prod. No.	List Price
With Spray			
4205.001-002	CH	1402720	173.23

Culinaire Pull-Out Spray



- 3/8" O.D. Copper Inlets
- Optional Cover Plate Included
- Spout: 7-7/8" Long

Model No.	Finish	Prod. No.	List Price
With Pull-Out			
4137.100-002	CH	1400800	453.05
4137.100-075	SS	1400805	543.25
4137.100-295	SN	1400810	543.25

Reliant + Pull-Out Spray



- Combi Body & Spray w/ 3/8" Copper Inlets
- Optional Cover Plate Included
- 1/2" Male Threaded

Model No.	Finish	Prod. No.	List Price
With Pull Out			
4205.104-002	CH	1402725	216.28
4205.104-295	SN	1402730	291.10

Colony Soft



- Metal Lever Handles
- Cast Brass Spout
- 2.2 GPM

Model No.	Finish	Prod. No.	List Price
With Spray			
4275.501-002	CH	1414155	99.63
Less Spray			
4275.500-002	CH	1414160	83.95

Liquid Soap Dispenser



- Contemporary Style
- Accommodates up to 2" thick counter tops
- 400 ml Bottle

Model No.	Finish	Prod. No.	List Price
4305.200-002	CH	1400825	50.23
4305.200-075	SS	1400830	74.83
4305.200-295	SN	1400835	74.83

BAR/PREP

American Standard

Colony Soft



- 2.5 GPM/8.3 L/min. maximum flow rate
- 1/2" male threaded inlets w/clpg nuts
- Metal lever handles

Model No.	Finish	Prod. No.	List Price
2475.500-002	CH	1414166	77.49

LAVATORY

American Standard

Colony Soft



- 1/2" Male Inlet Shanks
- 2.2 GPM
- Cast Brass

Model No.	Finish	Prod. No.	List Price
With 50/50 Pop-up Drain			
2175.500-002	CH	1414100	103.32
With Metal Pop-up Drain			
2175.502M1-002	CH	1411300	105.17
2175.502M1-295	SN	1410011	148.52
Less Pop-up Drain			
2175.505-002	CH	1414322	96.86

Colony Soft



- 2.2 GPM
- Cast Brass
- Metal Lever Handles
- 1/2" Male Inlet Shanks

Model No.	Finish	Prod. No.	List Price
With Metal Pop-up Drain			
2275.509M1-002	CH	1411301	74.72
2275.509M1-295	SN	1410021	104.24
Less Pop-up Drain			
2275.505-002	CH	1414318	64.58

Colony Soft



- Widespread
- 2.2 GPM
- Cast Brass
- Metal Lever Handles

Model No.	Finish	Prod. No.	List Price
With Metal Pop-up Drain			
3875.509M1-295	SN	1410061	268.45

Hampton



- Cast Brass
- 4" Centerset
- Metal Lever Handles
- 2.2 GPM
- 1/2" Male Inlet Shanks
- Metal Speed Connect Pop-Up Drain

Model No.	Finish	Prod. No.	List Price
With Pop-up Drain			
7411.732-002	CH	1404030	185.53

Hampton



- One-piece Cast Brass Valve Body
- Minispread
- Metal Lever Handles
- 2.2 GPM
- Metal Speed Connect Pop-Up Drain

Model No.	Finish	Prod. No.	List Price
7471.732-002	CH	1404000	213.20
7471.732-295	SN	1404005	320.83

LAVATORY

American Standard

Hampton



- Widespread
- Brass Crescent Spout
- Metal Lever Handles
- 2.2 GPM
- 1/2" Male Inlet Shanks
- Metal Speed Connect Pop-up Drain

Model No.	Finish	Prod. No.	List Price
7881.732-002	CH	1404060	268.55
7881.732-295	SN	1404185	361.83

Town Square



- Widespread
- Cast Brass Spout
- Metal Lever Handles
- 2.2 GPM
- Metal Speed Connect Pop-Up Drain

Model No.	Finish	Prod. No.	List Price
2555.801-002	CH	1404108	342.35
2555.801-295	SN	1404109	478.68

TUB/SHOWER

American Standard

Colony Soft



Pressure Balance

- Metal Lever Handle
- Easy Clean Showerhead
- Direct Sweat Inlets/Outlets

Model No.	Finish	Prod. No.	List Price
Valve Body Only			
R120		1414312	82.10
Valve Only Trim Kit			
T675.500-002	CH	1414136	23.06
Shower Only Trim Kit			
T675.501-002	CH	1414135	39.67
T675.501-295	SN	1410070	55.35
Tub & Shower Trim Kit			
T675.502-002	CH	1414125	57.20
T675.502-295	SN	1410030	80.26

Hampton



Pressure Balance

- Brass Wall Escutcheon
- Metal Lever Handle
- Direct Sweat Inlets/Outlets

Model No.	Finish	Prod. No.	List Price
Valve Body Only			
R110		1414090	72.88
Shower Only Trim Kit			
T212.730-002	CH	1404093	104.55
T212.730-295	SN	1404094	155.80
Tub & Shower Trim Kit			
T215.730-002	CH	1404095	118.90
T215.730-295	SN	1404096	180.40

Town Square



Pressure Balance

- Metal Wall Escutcheon
- Metal Lever Handle
- 4-1/2" Rain Showerhead

Model No.	Finish	Prod. No.	List Price
Valve Body Only			
R110		1414090	72.88
Shower Only Trim Kit			
T555.501-002	CH	1404111	221.40
T555.501-295	SN	1404112	333.13
Tub & Shower Trim Kit			
T555.502-002	CH	1404113	289.05
T555.502-295	SN	1404114	433.58

ROMAN TUB

American Standard

Colony Soft



- 8-1/2" Cast Brass Tub Spout
- Metal Lever Handles
- 1/2" Sweat Inlets

Model No.	Finish	Prod. No.	List Price
Valve Body Only			
R800		1414145	111.62
Trim Kit Only			
T975.500-002	CH	1414147	212.18
T975.500-295	SN	1410040	297.05

Hampton



- Brass Crescent Slip-Fit Spout
- Metal Lever Handles
- 1/2" Sweat Inlets

Model No.	Finish	Prod. No.	List Price
Valve Body Only			
R800		1414145	111.62
Trim Kit Only			
T980.732-002	CH	1404238	281.88
T980.732-295	SN	1404232	394.63

ROUGH-IN VALVES

American Standard

Model No.	Prod. No.	List Price
Temperature control. Direct sweat inlets/outlets.		
R110	1414090	72.88

Model No.	Prod. No.	List Price
Volume & Temperature control. Direct sweat inlets/outlets.		
R120	1414312	82.10

Model No.	Prod. No.	List Price
1/2" sweat inlets. Adj rough-in: total up to 2-1/2" (1-1/2" for rough-in - 1" additional for finished deck.)		
R800	1414145	111.62

Capitol
is your
"One Call
Source"



Faucets, Parts & Accessories

LAUNDRY

American Standard



- Aerator w/2.5 GPM/9.5 L/min. max. flow
- 1/2" male threaded inlets w/clpg nuts
- Metal knob handles

Model No.	Finish	Prod. No.	List Price
7573.240-002	CH	1403095	61.36

COMMERCIAL SERVICE SINK

American Standard

Heritage



- Lever Handles
- With Vacuum Breaker
- Bucket Hook
- 1/2" NPT Female Inlets on 8" Center
- Threaded Hose End
- 3" Spout

Model No.	Finish	Prod. No.	List Price
8340.243	CH	1403135	141.14

PARTS & ACCESSORIES

American Standard



72940-0700



72950-1700

Model No.	Prod. No.	List Price
72940-0700 – Aquaseal Diaphragm	1508000	3.24
72950-1700 – Aquaseal Stem Assy RH	1508200	8.02
72951-1700 – Aquaseal Stem Assy LH	1508250	8.02

BATHROOM ACCESSORIES

American Standard

Prairie Field

Compliments Hampton & Colony Soft



Chrome & Chrome/Brass

Model No.	Prod. No.	List Price
8040.180-228 18" Towel Bar	1404097	76.88
8040.240-228 24" Towel Bar	1404099	77.90
8040.190-228 Towel Ring	1404102	51.25
8040.210-228 Robe Hook	1404104	28.70
8040.230-228 Single Toilet Paper Holder	1404106	64.58

Satin Nickel & Satin Nickel/Chrome Mixage

Model No.	Prod. No.	List Price
8040.180-234 18" Towel Bar	1404098	98.40
8040.240-234 24" Towel Bar	1404101	100.45
8040.190-234 Towel Ring	1404103	63.55
8040.210-234 Robe Hook	1404105	35.88
8040.230-234 Single Toilet Paper Holder	1404107	79.95

Town Square



Chrome

Model No.	Prod. No.	List Price
2555.018-002 18" Towel Bar	1404115	120.95
2555.024-002 24" Towel Bar	1404117	132.23
2555.021-002 Towel Ring	1404119	103.53
2555.041-002 Robe Hook	1404122	73.80
2555.061-002 Single Toilet Paper Holder	1404124	116.85

Satin Nickel

Model No.	Prod. No.	List Price
2555.018-295 18" Towel Bar	1404116	126.08
2555.024-295 24" Towel Bar	1404118	142.48
2555.021-295 Towel Ring	1404121	110.70
2555.041-295 Robe Hook	1404123	78.93
2555.061-295 Single Toilet Paper Holder	1404126	124.03

KITCHEN



Delta's Less Handle Program (LHP)

There are hundreds of combinations that can be created through the Less Handle Program by mixing and matching faucets and handles.

Benefits:

- Increase style selection
- Lowers inventory investment

Results:

- Increased Sales
- Increased inventory turns
- Increased profitability



Classic Styling



- 3-Hole Installation
- 6" or 8" Centers
- 8" Long Spout
- Lever Handle
- 3/8" OD Inlets

Model No.	Finish	Prod. No.	List Price
100	CH	4400030	99.45

Classic Styling



- 4-Hole Installation
- 6" or 8" Centers
- 8" Long Spout
- Lever Handle
- White Spray
- Sprayer mounts on right or left
- 3/8" OD Inlets (400)

Model No.	Finish	Prod. No.	List Price
400	CH	4400065	126.15
400-WF	CH	4400066	129.70

Classic Styling



- 2-Hole Installation
- 8" Long Spout
- Lever Handle
- White Spray
- Sprayer mounts on right or left
- 3/8" OD Inlets

Model No.	Finish	Prod. No.	List Price
175	CH	4400040	137.25

Signature Series



- 4-Hole Installation
- 8" Centers
- Lever Handle
- 9-1/16" Long Spout
- Matching finish spray
- Spray mounts on right or left
- 1/2" IPS Inlets

Model No.	Finish	Prod. No.	List Price
440-DST	CH	4405086	149.90

Victorian Collection



- 4-Hole Installation
- Widespread
- Lever Handle
- 9" High, 9" Long
- Matching finish spray/dispenser
- Spray mounts on right or left
- 1/2" IPS Inlets

Model No.	Finish	Prod. No.	List Price
156-WF	CH	4402002	368.45
156-SSWF	SS	4402003	497.40

Waterfall Series



- 3-Hole Installation
- Widespread
- Lever Handle
- 10-7/8" High, 9-1/2" Long
- Matching finish spray
- Spray mounts on right or left
- 1/2" IPS Inlets

Model No.	Finish	Prod. No.	List Price
172-WF	CH	4400035	271.15
172-SSWF	SS	4404216	366.10

Waterfall Series



- 4-Hole Installation
- Widespread
- Lever Handle
- 10-7/8" High, 9-1/2" Long
- Matching finish spray/dispenser
- 1/2" IPS Inlets

Model No.	Finish	Prod. No.	List Price
174-WF	CH	4400037	302.40
174-SSWF	SS	4400039	431.20

Allora Series – Pull-Out Spray



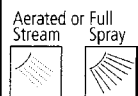
- 1-Hole Installation
- 15-9/16" High, 9-7/8" Long
- Lever Handle
- 59" Long Hose
- 3/8" Compression Fittings

Model No.	Finish	Prod. No.	List Price
989-SS-DST	SS	4401005	499.40

Leland – Pull-Out Spray



- 3-Hole 6" - 16" Installation
- Lever Handle
- 14-1/4" High, 9-1/8" Long
- 59" Long Hose
- Matching Dispenser

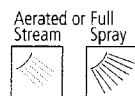


Model No.	Finish	Prod. No.	List Price
978-SD-DST	CH	4401020	296.10

Pilar – Pull-Out Spray



- 3-Hole 6" - 16" Installation
- Lever Handle
- 13-7/8" High, 10-5/8" Long
- 54" Long Hose
- Matching Dispenser



Model No.	Finish	Prod. No.	List Price
980T-SSSD-DST	SS	4401000	695.00

Faucets

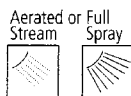
KITCHEN



Signature Series – Pull-Out Spray



- Single or 3-Hole Installation
- 8" High, 9" Long
- Lever Handle
- 59" Long Hose
- 1/2" IPS Inlets



Model No.	Finish	Prod. No.	List Price
470-DST	CH	4400071	262.75
470-SS-DST	SS	4404119	367.80

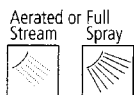
CH.... Chrome
NN... Pearl Nickel
PB.... Polished Brass
PT Aged Pewter
RB.... Venetian Bronze
SS.... Brilliance Stainless
WH .. White

LHP.. Less Handle Program
WF.... With 1/2" IPS Inlets

Victorian Series – Pull-Out Spray



- 2-Hole 4" Installation
- 14-1/4" High, 9-1/8" Long
- Lever Handle
- 59" Long Hose
- 3/8" Compression Fittings

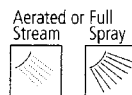


Model No.	Finish	Prod. No.	List Price
955-RB-DST	RB	4401010	439.85

Waterfall Series – Pull-Out Spray



- 3-Hole 6" - 16" Installation
- Lever Handle
- 10-3/4" High, 9" Long
- Widespread w/dispenser
- Flexible mounting arrangement
- 59" Long Hose
- 1/2" IPS Connection



Model No.	Finish	Prod. No.	List Price
474	CH	4400075	340.35
474-SS	SS	4400077	476.55

Classic Styling



- 3-Hole Installation
- 8" Centers
- Blade Handles
- 5-7/16" High, 9" Long
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2100	CH	4400330	75.90

Classic Styling



- 4-Hole Installation
- 8" Centers
- Blade Handles
- 5-7/16" High, 9" Long
- White spray
- Spray mounts on right or left
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2400	CH	4400370	97.00

Classic Styling

- 3-Hole Installation
- 8" Centers
- Clear Knob Handles
- 5-7/16" High, 9" Long
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2102	CH	4400335	75.90

Classic Styling

- 4-Hole Installation
- 8" Centers
- Clear Knob Handles
- 5-7/16" High, 9" Long
- White spray
- Spray mounts on right or left
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2402	CH	4400375	97.00

Waterfall Series

- 3-Hole Installation
- 8" Centers
- 11-1/4" High, 9-1/2" Long
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2176	CH	4404231	150.50
2176-LHP	CH	4404232	142.50

Waterfall Series

- 4-Hole Installation
- 8" Centers
- 1/4 turn handle stops
- 11-1/4" High, 9-1/2" Long
- Matching finish spray
- Spray mounts on right or left
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2476-LHP	CH	4400386	176.60

Waterfall Series

- 3-Hole Installation
- 6" to 16" Center Widespread
- 1/4 turn handle stops
- 10-3/4" High, 9-1/2" Long
- 1/2" IPS Inlets
- *Handles not included*




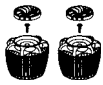

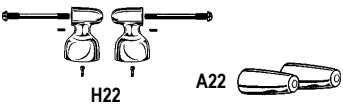

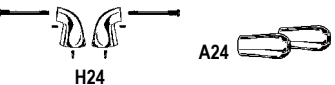

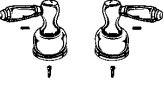












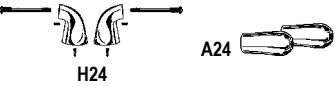

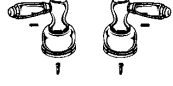







Model No.	Finish	Prod. No.	List Price
2274-LHP	CH	4404233	245.15

Waterfall Series

- 4-Hole Installation
- Widespread
- 1/4 turn handle stops
- 10-3/4" High, 9-1/2" Long
- Matching finish spray
- Spray mounts on right or left
- 1/2" IPS Inlets
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2276-LHP	CH	4404224	279.30

<div>  <h2>KITCHEN FAUCET HANDLE OPTIONS</h2> </div> <div>  </div> <table> <tr> <th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr> <tr> <td>H21</td><td>CH</td><td>4402300</td><td>12.50</td></tr> </table>	Model No.	Finish	Prod. No.	List Price	H21	CH	4402300	12.50	<div>   </div> <table> <tr> <th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr> <tr> <td>Handle Base H22</td><td>CH</td><td>4405026</td><td>33.00</td></tr> <tr> <td>Insert A22</td><td>CH</td><td>4403260</td><td>16.65</td></tr> </table> <p><i>Must order handle bases and accents</i></p>	Model No.	Finish	Prod. No.	List Price	Handle Base H22	CH	4405026	33.00	Insert A22	CH	4403260	16.65	<div>  <h2>Innovations</h2> </div> <div>  </div> <table> <tr> <th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr> <tr> <td>Handle Base H24</td><td>CH</td><td>4406500</td><td>33.65</td></tr> <tr> <td>H24PB</td><td>PB</td><td>4406510</td><td>65.25</td></tr> <tr> <td>Insert A24</td><td>CH</td><td>4406600</td><td>17.80</td></tr> <tr> <td>A24PB</td><td>PB</td><td>4406610</td><td>30.25</td></tr> </table> <p><i>Must order handle bases and accents</i></p>	Model No.	Finish	Prod. No.	List Price	Handle Base H24	CH	4406500	33.65	H24PB	PB	4406510	65.25	Insert A24	CH	4406600	17.80	A24PB	PB	4406610	30.25	<div>  <h2>Neo Style</h2> </div> <div>  </div> <table> <tr> <th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr> <tr> <td>H25</td><td>CH</td><td>4403020</td><td>52.40</td></tr> </table> <div>  <h2>Victorian</h2> </div> <div>  </div> <table> <tr> <th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr> <tr> <td>H216</td><td>CH</td><td>4409500</td><td>53.15</td></tr> <tr> <td>H216RB</td><td>RB</td><td>4409508</td><td>79.70</td></tr> </table>	Model No.	Finish	Prod. No.	List Price	H25	CH	4403020	52.40	Model No.	Finish	Prod. No.	List Price	H216	CH	4409500	53.15	H216RB	RB	4409508	79.70
Model No.	Finish	Prod. No.	List Price																																																												
H21	CH	4402300	12.50																																																												
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Handle Base H22	CH	4405026	33.00																																																												
Insert A22	CH	4403260	16.65																																																												
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Handle Base H24	CH	4406500	33.65																																																												
H24PB	PB	4406510	65.25																																																												
Insert A24	CH	4406600	17.80																																																												
A24PB	PB	4406610	30.25																																																												
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Faucets

LAVATORY



CH.... Chrome
NN... Pearl Nickel
PB.... Polished Brass
PT Aged Pewter
RB.... Venetian Bronze
SS.... Brilliance Stainless
WH .. White

LHP .. Less Handle Program
WF....With 1/2" IPS Inlets

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Clear Knob Handle
- 3/8" OD Inlets



Model No.	Finish	Prod. No.	List Price
522-MPU/DST	CH	4400105	131.80

Innovations Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Lever Handle
- 1/2" IPS Inlets



Model No.	Finish	Prod. No.	List Price
540-MPU/DST	CH	4406200	182.85

Innovations Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Lever Handle
- 1/2" IPS Inlets



Model No.	Finish	Prod. No.	List Price
544-MPU-DST	CH	4406230	191.60

Classic Styling



- 2 or 3-Hole Installation
- 4" Centerset
- Lift rod hole w/removable cap
- Blade Handles
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2500	CH	4400380	68.30

Classic Styling



- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Blade Handles
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2520-MPU	CH	4400390	97.10

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Clear Knob Handles
- 1/2" IPS Shanks



Model No.	Finish	Prod. No.	List Price
2522-MPU	CH	4400420	97.10

Classic Styling

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2521-LHP	CH	4400416	93.60

Dryden Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Connection



Model No.	Finish	Prod. No.	List Price
2551-RB	RB	4407000	292.45
2551-SS	SS	4407015	272.95

Innovations Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2530-LHP	CH	4406000	131.60
2530-NNLHP	NN	4406005	226.95

Innovations Series

- 3-Hole Installation
- 4" Mini-widespread
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
4530-LHP	CH	4406090	184.05

Innovations Series

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- Scaloped handle bases
- 1/2" IPS Inlets
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
3530-LHP	CH	4406060	225.45
3530-NNLHP	NN	4406075	383.25

Lahara Series

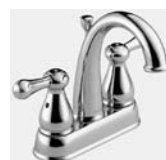
- 3-Hole Installation
- 4" Centerset
- Metal Lever Handles
- 50/50 Pop-up
- 1/4 turn handle stops
- 1/2" IPS Connection



Model No.	Finish	Prod. No.	List Price
2538-RB	RB	4407105	197.35
2538-SS	SS	4407100	184.20

Leland Series

- 3-Hole Installation
- 4" Centerset
- Metal Lever Handles
- 50/50 Pop-up
- 1/4 turn handle stops
- 1/2" IPS Connection



Model No.	Finish	Prod. No.	List Price
2575	CH	4408059	131.55

Leland Series

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2578-LHP	CH	4408060	86.75
2578-SSLHP	SS	4408065	121.40
2578-RBLHP	RB	4408061	130.10

LAVATORY



Leland Series

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Inlets
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
3578-LHP	CH	4408050	175.55
3578-SSLHP	SS	4408055	245.80

Lockwood Collection

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2540-LHP	CH	4408032	120.45
2540-PTLHP	PT	4408033	180.70
2540-SSLHP	SS	4408034	168.65

Lockwood Collection

- 3-Hole Installation
- 4" Mini-widespread
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
4540-LHP	CH	4408039	177.80
4540-PTLHP	PT	4408041	266.65
4540-SSLHP	SS	4408042	248.90

Lockwood Collection

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- Scalloped handle bases
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
3540-LHP	CH	4408036	212.20
3540-SSLHP	SS	4408038	297.05

Victorian Collection

- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- 1/4 turn handle stops
- 1/2" IPS Shanks
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
2555-LHP	CH	4404149	140.40
2555-RBLHP	RB	4404158	203.60
2555-SSLHP	SS	4404160	196.80

Victorian Collection

- 3-Hole Installation
- 4" Mini-widespread
- Metal Pop-up
- 1/4 turn handle stops
- Non-removable lift rod
- *Handles not included*



Model No.	Finish	Prod. No.	List Price
4555-LHP	CH	4404176	190.75
4555-SSLHP	SS	4404182	267.05

Victorian Collection

- 3-Hole Installation
- 6" - 16" Center Widespread
- Metal Pop-up
- 1/4 turn handle stops
- Non-removable lift rod
- 1/2" IPS Inlets
- *Handles not included*



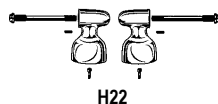
Model No.	Finish	Prod. No.	List Price
3555-LHP	CH	4404164	230.90
3555-RBLHP	RB	4404172	334.80
3555-SSLHP	SS	4404174	323.25



LAVATORY FAUCET HANDLE OPTIONS



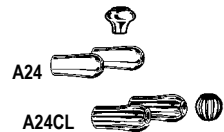
Model No.	Finish	Prod. No.	List Price
H21	CH	4402300	12.50



Model No.	Finish	Prod. No.	List Price
Handle Base H22	CH	4405026	33.00
Insert A22	CH	4403260	16.65

Must order handle bases and accents

Innovations



Model No.	Finish	Prod. No.	List Price	Model No.	Finish	Prod. No.	List Price
Handle Base H24	CH	4406500	33.65	Insert A24	CH	4406600	17.80
H24NN	NN	4406505	65.25	A24NN	NN	4406625	22.35
H24PB	PB	4406510	65.25	A24PB	PB	4406610	30.25
				A24WH	WH	4406605	21.35

Must order handle bases and accents

Neo Style



Model No.	Finish	Prod. No.	List Price
H25	CH	4403020	52.40

Leland



Model No.	Finish	Prod. No.	List Price
H278	CH	4408070	39.80
H278SS	SS	4408075	55.70
H278RB	RB	4408080	59.65

Lockwood



Model No.	Finish	Prod. No.	List Price
H240	CH	4409520	47.60
H240SS	SS	4409522	66.60

Victorian



Model No.	Finish	Prod. No.	List Price
H216	CH	4409500	53.15
H216NN	NN	4409503	90.35
H216RB	RB	4409508	79.70
H216SS	SS	4409509	77.30

Faucets

SHOWER & TUB/SHOWER



Monitor 13 Series – Classic Styling

- Shower trim only
- Clear knob handle
 - Touch-Clean showerhead
- Rough-in only
- 1/2" universal inlets/outlets
 - Male threads



- Tub/Shower trim only
- Clear knob handle
 - Touch-Clean showerhead
 - 5-1/2" **pull-up** tub spout
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Clear knob handle
 - Touch-Clean showerhead
 - 6" **pull-down** tub spout
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T13222	CH	4400236	73.05
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13422	CH	4400239	92.10
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13422-PD	CH	4400250	92.10
Rough-In Only			
R10000-UNBXT		4400682	45.85

Monitor 13 Series – Classic Styling



- Shower trim only
- Metal lever handle
 - Touch-Clean showerhead
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Metal lever handle
 - Touch-Clean showerhead
 - 5-1/2" **pull-up** tub spout
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Metal lever handle
 - Touch-Clean showerhead
 - 6" **pull-down** tub spout
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T13220	CH	4400262	73.75
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13420	CH	4400260	92.10
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T13420-PD	CH	4400264	92.10
Rough-In Only			
R10000-UNBXT		4400682	45.85

CH.... Chrome
NN... Pearl Nickel
PB.... Polished Brass
PT Aged Pewter
RB.... Venetian Bronze
SS.... Brilliance Stainless
WH .. White

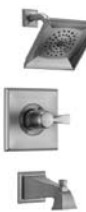
LHP.. Less Handle Program
WF.... With 1/2" IPS Inlets

Monitor 14 Series – Dryden Series

- Shower trim only
- Touch-Clean raincan showerhead
 - Single-function pressure balance cartridge
 - Metal lever handle
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Touch-Clean raincan showerhead
 - Single-function pressure balance cartridge
 - Metal lever handle
 - 7-1/2" **pull-up** tub spout
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T14251-RB	RB	4407005	253.05
T14251-SS	SS	4407020	237.25
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14451-RB	RB	4407010	301.15
T14451-SS	SS	4407025	282.30
Rough-In Only			
R10000-UNBXT		4400682	45.85

Monitor 14 Series – Innovations Series

- Shower trim only
- Touch-Clean 3 function showerhead
 - Dual-spray function
- Handle not included*
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Touch-Clean 3 function showerhead
 - Dual-spray function
 - 6" **pull-down** tub spout
- Handle not included*
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T14230-LHP	CH	4408100	110.00
T14230-NNLHP	NN	4400246	203.40
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14430-LHP	CH	4400251	135.45
T14430-NNLHP	NN	4400270	260.60
Rough-In Only			
R10000-UNBXT		4400682	45.85

Monitor 14 Series – Lahara Series

- Shower trim only
- Touch-Clean showerhead
 - Metal Lever Handle
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Touch-Clean showerhead
 - 6-3/4" **pull-up** tub spout
 - Metal Lever Handle
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T14238-RB	RB	4407115	161.70
T14238-SS	SS	4407110	151.60
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14438-RB	RB	4407125	201.70
T14438-SS	SS	4407120	189.10
Rough-In Only			
R10000-UNBXT		4400682	45.85

Monitor 14 Series – Leland Series

- Shower trim only
- Touch-Clean showerhead
- Handle not included*
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/Shower trim only
- Touch-Clean showerhead
 - 5-1/2" **pull-up** tub spout
- Handle not included*
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T14278-LHP	CH	4408150	71.05
T14278-SSLHP	SS	4408155	106.55
T14278-RBLHP	RB	4408160	113.65
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T14478-LHP	CH	4408180	87.00
T14478-SSLHP	SS	4408170	130.50
T14478-RBLHP	RB	4408175	139.20
Rough-In Only			
R10000-UNBXT		4400682	45.85

SHOWER & TUB/SHOWER



Monitor 17 Series – Innovations Collection

- Shower trim only
- Touch-Clean 3 function showerhead
 - Dual-spray function
 - Metal lever handle
- Rough-in only
- 1/2" universal inlets/outlets



- Tub/shower trim only
- Touch-Clean 3 function showerhead
 - Dual-spray function
 - 6" pull-down tub spout
 - Metal lever handle
- Rough-in only
- 1/2" universal inlets/outlets



Model No.	Finish	Prod. No.	List Price
Trim Only			
T17230	CH	4400302	163.25
Rough-In Only			
R10000-UNBXT		4400682	45.85

Model No.	Finish	Prod. No.	List Price
Trim Only			
T17430	CH	4400312	179.20
Rough-In Only			
R10000-UNBXT		4400682	45.85



TUB/SHOWER FAUCET OPTIONS



Model No.	Finish	Prod. No.	List Price
H71	CH	4403790	14.25



Model No.	Finish	Prod. No.	List Price
H79	CH	4403585	19.95

Innovations



H74

Model No.	Finish	Prod. No.	List Price
Handle Base			
H74	CH	4406550	27.30
H74NN	NN	4406565	49.10
Insert			
A74	CH	4406680	10.20
A74NN	NN	4406695	18.30

Must order handle bases and accents

Leland



Model No.	Finish	Prod. No.	List Price
H778	CH	4408040	32.50
H778SS	SS	4408045	53.15
H778RB	RB	4408002	51.95

Neo Style



Model No.	Finish	Prod. No.	List Price
H75	CH	4403250	34.70

ROMAN TUB



Innovations Collection

- 3-hole installation
- 2-5/8" diameter scalloped handle bases
- 7" long rigid slip-on spout
- Spout is 4-5/8" high
- 2-5/8" from deck to spout outlet
- Handles not included



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2730-LHP	CH	4406031	150.25
T2730-NNLHP	NN	4406036	293.65
Rough-In Only			
R2707		4403395	106.45

Leland Series

- 3-hole installation
- 2-5/8" diameter scalloped handle bases
- 7-1/8" long rigid slip-on spout
- Spout is 5" high
- 3-3/16" from deck to spout outlet
- Handles not included

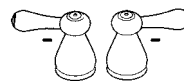


Model No.	Finish	Prod. No.	List Price
Trim Only			
T2778-LHP	CH	4408001	144.35
T2778-SSLHP	SS	4408006	246.15
T2778-RBLHP	RB	4408003	230.95
Rough-In Only			
R2707		4403395	106.45



ROMAN TUB FAUCET HANDLE OPTIONS

Leland



Model No.	Finish	Prod. No.	List Price
H678	CH	4408010	64.15
H678SS	SS	4408015	96.25
H678RB	RB	4408011	102.65

Innovations



A64

Model No.	Finish	Prod. No.	List Price
Handle Base			
H64	CH	4406520	53.80
H64NN	NN	4406535	91.45
Insert			
A64	CH	4406630	19.95
A64NN	NN	4406645	33.85

Must order handle bases and accents

ROUGH-IN VALVES



Model No.	Prod. No.	List Price
Multichoice Thin Mount Universal Valve		
R10000-UNBXT	4400682	45.85

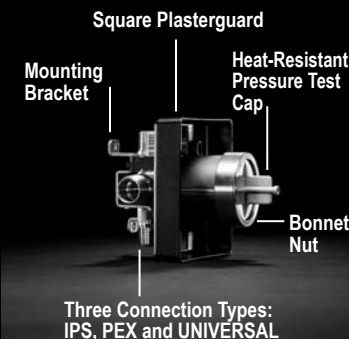
Model No.	Prod. No.	List Price
Multichoice Universal Valve w/Stops		
R10000-UNWS	4400683	59.95

Model No.	Prod. No.	List Price
Cartridge f/Multichoice Valve		
RP46074	4402415	54.95

Model No.	Prod. No.	List Price
Rough-In F/Roman Tub		
R2707	4403395	106.45

Model No.	Prod. No.	List Price
Rough-In F/Roman Tub w/Hand Shower		
R4707	4402108	235.85

MultiChoice™ Thin Mount Universal Valve



- CH.... Chrome
 NN... Pearl Nickel
 PB Polished Brass
 PT Aged Pewter
 RB.... Venetian Bronze
 SS.... Brilliance Stainless
 WH .. White

- LHP.. Less Handle Program
 WF....With 1/2" IPS Inlets

Faucets & Parts

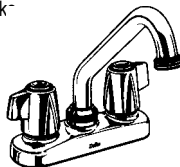
LAUNDRY



Laundry



- 2 or 3-hole installation
- 4" Centerset
- 5-5/8" long, 6-1/2" high spout
- Spout has hose thread
- Blade handles
- 1/2" IPS shank



Model No.	Finish	Prod. No.	List Price
2131	CH	4400341	63.25

Laundry



- 2 or 3-hole installation
- 4" Centerset
- 5-5/8" long, 6-1/2" high spout
- Spout has stream straightener
- Blade handles
- 1/2" IPS shanks



Model No.	Finish	Prod. No.	List Price
2133	CH	4400346	63.25

COMMERCIAL



HDF Series



- 2-Hole Installation
- 4" centerset
- No lift rod hole
- 3-7/16" long spout
- VR wrist blade handles
- 1/2" IPS shanks



Model No.	Finish	Prod. No.	List Price
2529-LGHDF	CH	4400418	127.55

HDF Series

- 2 or 3-Hole Installation
- 4" centerset
- No lift rod hole
- 3-7/16" long spout
- Vandal resistant handles
- Metering, slow-close push style
- 1/2" IPS shanks

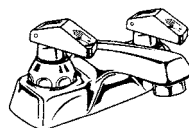


Model No.	Finish	Prod. No.	List Price
2507-HDF	CH	4400500	190.50

Teck Series



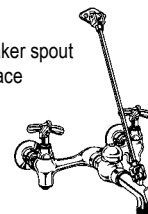
- 2-Hole Installation
- 4" centerset
- No lift rod hole
- Cast brass body
- Vandal resistant ADA handles
- Metering, slow-close lever style



Model No.	Finish	Prod. No.	List Price
86T1153	CH	4410100	228.50

Teck Series

- Wall installation
- 8" Centerset
- Cross handles
- CAST body
- 8" long vacuum breaker spout
- Rigid spout w/top brace



Model No.	Finish	Prod. No.	List Price
28T9	CH	4410200	155.95

TRACT-PACK FAUCETS

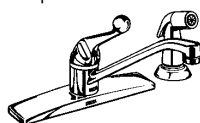
Sold individually.



Kitchen Faucet Single-Handle



- 4-Hole Installation
- 6" or 8" Centers
- 8" Long Spout
- Lever Handle
- 1/2" IPS Adapters



Model No.	Finish	Prod. No.	List Price
400-WFTP	CH	4400630	127.15

Lavatory Faucet Single-Handle



- 3-Hole Installation
- 4" Centerset
- Metal Pop-up
- Lever Handle



Model No.	Finish	Prod. No.	List Price
W/ 1/2" IPS Adapters			
520-WFTPM	CH	4400680	125.45

Capitol is your "One Call Source"



FAUCET PARTS & ACCESSORIES



Mini Bulk Pack

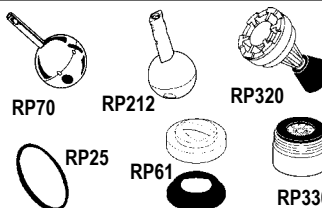


RP1806

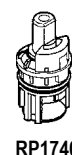


RP3427

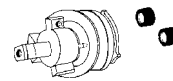
Model No.	Prod. No.	List Price
RP1806MBS-Seat (24).....	4402325	15.60
RP212MBS-Ball Assy (6).....	4402046	30.30
RP70MBS-Ball Assy (6).....	4402021	31.50
RP1740MBS-Stem (6).....	4402106	28.50
RP3427MBS-Spring (24).....	4402326	10.80



Model No.	Prod. No.	List Price
RP25-O-Rings (2).....	4402005	5.05
RP50-Cap Assembly.....	4402010	14.45
RP61-Cam Assembly.....	4402015	3.80
RP70-Ball Assembly.....	4402020	12.30
RP212-Ball Assembly.....	4402045	11.35
RP320-Diverter.....	4402055	5.35
RP330-Aerator.....	4402060	6.85



RP1740

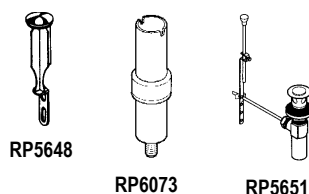


RP1991

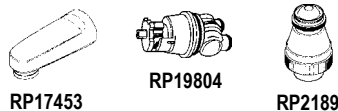
Model No.	Prod. No.	List Price
RP1740-Stem Unit.....	4402105	9.90
RP1991-Stem Unit.....	4402110	27.70
RP2055-O-Rings.....	4402115	5.40
RP3614-Repair Kit.....	4402172	9.70
Seats & Springs Kit (48)		
RP4039.....	4402185	54.20
RP4993-Seats & Springs.....	4402220	4.15

Faucets & Parts

FAUCET PARTS & ACCESSORIES



Model No.	Prod. No.	List Price
RP5648-P/U Drain Stop	4402245	9.15
RP5649-Diverter Asmb	4402255	22.35
RP5651-P/U Drain Asmb	4402270	48.30
RP5653-10" CP Spt	4402285	43.35
RP5834-Diverter Spt	4402315	28.15
RP6073-Diverter Asmb	4402500	17.45
RP6399-Stem Asmb	4403310	37.75



Model No.	Prod. No.	List Price
RP12630-Esc. Screws	4402801	6.70
RP17453-Diverter Spt	4402310	29.85
RP18627-Extender	4402802	3.70
Cartridge Assy -1300/1400		
RP19804	4405000	57.70
Cover-up Esc.		
RP29827	4402071	28.05
Swivel Aerator		
RP2189	4402120	20.10
Quick-Snap Vegetable Spray Cap		
RP40301	4402295	6.90

Liquid Dispenser



Model No.	Prod. No.	List Price
RP1001CH	4402100	39.70
RP1001WH	4402102	49.60



Model No.	Prod. No.	List Price
Fits All Two Handle		
RP12491	4402350	58.65
Blade Handle		
RP6119 - T/S	4402510	4.30
Lever Handle		
RP17443 - Lav	4403750	15.40

KITCHEN

ELKAY

Allure



- Overall Height: 12-1/4"
- Spout Height: 9-1/4" from deck to aerator
- Spout Reach: 9"
- Pull-Out Faucet

Model No.	Finish	Prod. No.	List Price
LK6360CR	CH	7004050	385.24
LK6360NK	BN	7004055	517.25

Allure



- Overall Height: 14-1/4"
- Spout Height: 10" from deck to aerator
- Spout Reach: 9"
- With Side Spray

Model No.	Finish	Prod. No.	List Price
LK6176CR	CH	7004080	926.05
LK6176NK	BN	7004085	1104.98

Arezzo



- Overall Height: 18-1/16"
- Spout Height: 5-5/8" from deck to aerator
- Spout Reach: 6-5/8"

Model No.	Finish	Prod. No.	List Price
LK7420CR	CH	7004020	456.64
LK7420NK	BN	7004025	638.46

Arezzo



- Overall Height: 8-5/8"
- Spout Height: 5-3/4" from deck to aerator
- Spout Reach: 7-7/8"

Model No.	Finish	Prod. No.	List Price
LK7226CR	CH	7004005	325.46
LK7226NK	BN	7004000	454.15

Ferrara



- Overall Height: 7-7/8"
- Spout Height: 5" from deck to aerator
- Spout Reach: 9-1/2"
- Pull-Out Faucet

Model No.	Finish	Prod. No.	List Price
LK7620CR	CH	7004010	398.52
LK7620NK	BN	7004015	556.27

Moda



- Overall Height: 15"
- Spout Height: 8-5/16" from deck to aerator
- Spout Reach: 7-5/8"
- Pull-Down Faucet

Model No.	Finish	Prod. No.	List Price
LK7322CR	CH	7004035	391.05
LK7322NK	BN	7004030	547.97

BAR/PREP

ELKAY

Allure



- Overall Height: 10-1/8"
- Spout Height: 9" from deck to aerator
- Spout Reach: 6"

Model No.	Finish	Prod. No.	List Price
LK6510CR	CH	7004070	167.71
LK6510NK	BN	7004075	229.15

ACCESSORIES

ELKAY

Soap Dispensers



- LK313
- Overall Height: 2-15/16"
- Spout Reach: 2-15/16"
- LK333
- Overall Height: 2-3/4"
- Spout Reach: 3-1/4"

Model No.	Finish	Prod. No.	List Price
LK313NK	BN	7004060	137.82
LK333CR	CH	7004045	117.90
LK333NK	BN	7004040	130.35

Faucets

KITCHEN



Classic Elegance Euro



- Lever handle
- 8" center
- Washerless cartridge
- With spray

Model No.	Finish	Prod. No.	List Price
FT-210SEL	CH	4650005	60.97

Portia



- Lever handle
- High rise spout
- Ceramic disc cartridge
- With spray

Model No.	Finish	Prod. No.	List Price
AE-955ORB	ORB	46500025	222.84

Portia



- Lever handle
- 8" center
- Washerless cartridge
- Goose neck spout with spray

Model No.	Finish	Prod. No.	List Price
AE-925	CH	4650010	78.80
AE-925S	BN	4650015	102.20

BAR/PREP



Portia



- Lever handle
- 10" high arc spout
- Ceramic cartridge

Model No.	Finish	Prod. No.	List Price
AE-956S	BN	4650030	175.14
AE-956ORB	ORB	4650035	195.49

LAVATORY



Classic Elegance Euro



CT-400SEL



- Lever handle
- 4" center
- Washerless cartridge

Model No.	Finish	Prod. No.	List Price
Less Pop-up			
CT-400SEL	CH	4650055	45.90
With Brass Pop-up			
CT-452SEL	CH	4650050	57.49
CT-452SELS	BN	4650060	76.19

Portia



- Lever handles
- 4" center
- Washerless cartridge
- With brass pop-up

Model No.	Finish	Prod. No.	List Price
AE-865S	BN	4650040	97.54
AE-865ORB	ORB	4650045	119.64

KITCHEN



Camerist



- 2 or 4 hole application
- Hydrolock quick connection installation
- Solid lever handle
- 10" spout reach
- 8-7/8" spout height
- W/Protégé side spray

Model No.	Finish	Prod. No.	List Price
With Spray			
7840SL	SL	4901710	248.15
7840ORB	ORB	4901715	266.25

Chateau



- 4-hole installation
- 9-1/2" spout reach
- Lever handle
- W/Protégé side spray
- 1/2" IPS connections

Model No.	Finish	Prod. No.	List Price
Less Spray - 4" Supplies			
7425	CH	4901680	105.10
With Spray - 4" Supplies			
67430	CH	4901688	131.15
With Spray - 16" Supplies			
67433	CH	4901703	138.40

Monticello



- 3-hole installation
- 12" high cathedral spout
- 10" spout reach
- Lever handle
- W/Protégé side spray
- Hydrolock quick connection installation

Model No.	Finish	Prod. No.	List Price
7730	CH	4901580	279.65
7730SL	SL	4901725	390.50

KITCHEN



Camerist Pull-Out Spray



- 1 or 3 hole application
- Hydrolock quick connection installation
- Solid lever handle
- 9" spout reach
- 10-3/4" spout height
- 68" whisper quiet fiber hose
- Aerated, rinse & veggie spray functions

Model No.	Finish	Prod. No.	List Price
7545SL	SL	4901700	383.40
7545ORB	ORB	4901705	402.55

Colonnade Pull-Out Spray



- Lever handle
- 8" spout reach
- 9-3/8" spout height
- 1 or 3 hole application
- Hydrolock quick connection installation
- 68" whisper quiet fiber hose
- Aerated rinse & spray functions

Model No.	Finish	Prod. No.	List Price
7575CSL	CSL	4901720	383.40

Dispensers



• 3942

• 3944

- Top lifts off for easy refill
- 16 oz. refillable bottle
- 1-1/8" diameter shank

Model No.	Finish	Prod. No.	List Price
3942SL	SL	4901730	90.00
3942CSL	CSL	4901740	90.00
3944ORB	ORB	4901735	94.50

LAVATORY



Chateau

- 4" centerset
- Knob handle
- Metal drain assembly
- 1/2" IPS connections



Model No.	Finish	Prod. No.	List Price
64620	CH	4901686	124.50

Chateau



- 4" centerset
- Lever handle
- 1/2" IPS connections



Model No.	Finish	Prod. No.	List Price
L4601	CH	4900780	106.80

Chateau



- 4" centerset
- Lever handle
- Metal drain assembly
- 1/2" IPS connections



Model No.	Finish	Prod. No.	List Price
L64620	CH	4901706	124.50

Monticello



- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handle



Model No.	Finish	Prod. No.	List Price
4557BN	BN	4901000	284.05

Villeta



- 4" centerset
- Metal drain assembly
- Lever handle
- 1/2" IPS connections



Model No.	Finish	Prod. No.	List Price
L4721	CH	4901801	157.40

Brantford



- High arc spout
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handles



Model No.	Finish	Prod. No.	List Price
6610BN	BN	4907000	176.15
6610ORB	ORB	4907005	193.75

Brantford



- High arc spout
- Drain assembly
- Fits M•PACT system
- Widespread
- Lever handles



Model No.	Finish	Prod. No.	List Price
Trim Only			
T6620BN	BN	4907010	196.25
T6620ORB	ORB	4907015	215.90
Rough-in Valve			
69000		4903155	85.60

Eva



- High arc spout
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handle



Model No.	Finish	Prod. No.	List Price
6410BN	BN	4906000	176.15
6410ORB	ORB	4906005	193.75

Eva



- High arc spout
- Drain assembly
- Fits M•PACT system
- Widespread
- Lever handle



Model No.	Finish	Prod. No.	List Price
Trim Only			
T6420BN	BN	4906010	196.25
T6420ORB	ORB	4906015	215.90
Rough-in Valve			
69000		4903155	85.60

Kingsley



- High arc spout
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handles



Model No.	Finish	Prod. No.	List Price
6121BN	BN	4905015	326.65
6121ORB	ORB	4905020	359.30

Faucets

LAVATORY



Kingsley



- High arc spout
- Drain assembly
- Fits M•PACT system
- Mini widespread
- Lever handles



Model No.	Finish	Prod. No.	List Price
Trim Only			
T6123BN	BN	4905025	309.95
T6123ORB	ORB	4905030	340.95
Rough-in Valve			
69300		4903160	81.35

Kingsley



- High arc spout
- Drain assembly
- Fits M•PACT system
- Widespread
- Lever handles



Model No.	Finish	Prod. No.	List Price
Trim Only			
T6125BN	BN	4905035	385.10
T6125ORB	ORB	4905040	423.60
Rough-in Valve			
69000		4903155	85.60

Monticello



- 4" centerset
- Metal drain assembly
- 1/2" IPS connections
- Lever handles



Model No.	Finish	Prod. No.	List Price
4551	CH	4901201	187.10
4551BN	BN	4901005	298.25

Monticello



- Mini-widespread
- Metal drain assembly
- 1/2" IPS connections
- 4" centerset
- Lever handles



Model No.	Finish	Prod. No.	List Price
Trim Only			
T4560	CH	4903165	158.75
Rough-in-Valve			
69300		4903160	81.35

Monticello



- Widespread
- Drain assembly
- Fits M•PACT system
- Lever handles



Model No.	Finish	Prod. No.	List Price
Trim Only			
T4570	CH	4903150	195.50
T4570BN	BN	4901010	334.90
Rough-in-Valve			
69000		4903155	85.60

TUB/SHOWER



NOTES:

Posi-Temp Pressure Balancing Valves

- Maintains water temp. with $\pm 2^\circ$
- Temperature Limit Stops
- Cycling Valves
- Lifetime Limited Warranty

Moentrol Pressure Balancing Valves

- Maintains water temp. with $\pm 2^\circ$
- Temperature Memory
- Volume Control
- Temperature Limit Stops
- Lifetime Limited Warranty

Brantford



- Shower trim only
- Easy Clean XLT single function showerhead
- Lever handle
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2152BN	BN	4907040	122.95
T2152ORB	ORB	4907045	135.25
Rough-in Valve			
62320		4901694	86.95

- Tub/Shower trim only
- Easy Clean XLT single function showerhead
- Lever handle
- 6-1/2" slip fit diverter tub spout
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2153BN	BN	4907050	162.25
T2153ORB	ORB	4907055	178.50
Rough-in Valve			
62320		4901694	86.95

Chateau

- Shower trim only
- Easy Clean XL single function showerhead
- Knob handle
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T182	CH	4901698	30.85
Rough-in Valve			
62320		4901694	86.95

- Tub/Shower trim only
- Easy Clean XL single function showerhead
- Knob handle
- 5-1/2" slip fit diverter tub spout
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T183	CH	4901696	50.10
Rough-in Valve			
62320		4901694	86.95

Chateau



- Tub/Shower trim only
- Easy Clean XL single function showerhead
- Lever handle
- 5-1/2" slip fit diverter tub spout
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Kit For Tub/Shower			
TL183	CH	4901697	50.10
Rough-In Only			
62320	CH	4901694	86.95

Eva



- Shower trim only
- Easy Clean XLT single function showerhead
- Lever handle
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2132BN	BN	4906040	122.95
T2132ORB	ORB	4906045	135.25
Rough-in Valve			
62320		4901694	86.95

- Tub/Shower trim only
- Easy Clean XLT single function showerhead
- Lever handle
- 7" slip fit diverter tub spout
- Rough-in only
- 1/2" CC - 4 port
- Posi-Temp



Model No.	Finish	Prod. No.	List Price
Trim Only			
T2133BN	BN	4906050	162.25
T2133ORB	ORB	4906055	178.50
Rough-in Valve			
62320		4901694	86.95

- BN Brushed Nickel
- CH..... Chrome
- CSL..... Classic Stainless
- ORB Oil Rubbed Bronze
- SL Stainless



Indicates a Moen M•PACT system

<h1>TUB/SHOWER</h1> <div></div>		<h2>Kingsley</h2> <div></div> <p>Shower trim only</p> <ul style="list-style-type: none">• Moenflo XL single function showerhead• Lever handle <p>Rough-in only</p> <ul style="list-style-type: none">• 1/2" CC – 4 port• Moentrol <table><tr><th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr><tr><td colspan="4">Trim Only</td></tr><tr><td>T3112BN</td><td>BN</td><td>4905060</td><td>287.70</td></tr><tr><td>T3112ORB</td><td>ORB</td><td>4905065</td><td>316.45</td></tr><tr><td colspan="4">Rough-in Valve</td></tr><tr><td>63170</td><td></td><td>4901702</td><td>139.35</td></tr></table>		Model No.	Finish	Prod. No.	List Price	Trim Only				T3112BN	BN	4905060	287.70	T3112ORB	ORB	4905065	316.45	Rough-in Valve				63170		4901702	139.35	<div></div> <p>Tub/Shower trim only</p> <ul style="list-style-type: none">• Moenflo XL single function showerhead• Lever handle• 5-1/2" slip fit diverter tub spout <p>Rough-in only</p> <ul style="list-style-type: none">• 1/2" CC – 4 port• Moentrol <table><tr><th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr><tr><td colspan="4">Trim Only</td></tr><tr><td>T3113BN</td><td>BN</td><td>4905070</td><td>367.35</td></tr><tr><td>T3113ORB</td><td>ORB</td><td>4905075</td><td>404.05</td></tr><tr><td colspan="4">Rough-in Valve</td></tr><tr><td>63170</td><td></td><td>4901702</td><td>139.35</td></tr></table>		Model No.	Finish	Prod. No.	List Price	Trim Only				T3113BN	BN	4905070	367.35	T3113ORB	ORB	4905075	404.05	Rough-in Valve				63170		4901702	139.35	<h2>Legend</h2> <div></div> <p>Tub/Shower trim only</p> <ul style="list-style-type: none">• Moenflo XL single function showerhead• Knob handle• 5-1/2" slip fit diverter tub spout <p>Rough-in only</p> <ul style="list-style-type: none">• 1/2" CC – 4 port• Moentrol <table><tr><th>Model No.</th><th>Finish</th><th>Prod. No.</th><th>List Price</th></tr><tr><td colspan="4">Trim Only</td></tr><tr><td>T172</td><td>CH</td><td>4901704</td><td>58.45</td></tr><tr><td colspan="4">Rough-in Valve</td></tr><tr><td>63170</td><td>CH</td><td>4901702</td><td>139.35</td></tr></table>		Model No.	Finish	Prod. No.	List Price	Trim Only				T172	CH	4901704	58.45	Rough-in Valve				63170	CH	4901702	139.35																				
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FINISHED BRASS

Faucets

FINISHED
BRASS

ROMAN TUB



Eva



- Trim only
- High arc spout
 - Lever handles
- Rough-in only
- 1/2" CC – adjustable
 - M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T943BN	BN	4906020	319.75
T943ORB	ORB	4906025	351.75
Rough-in Valve			
4992		4903191	108.80

Eva



- Trim only
- 4 spray patterns – massage, full, vigorous, combination
 - High arc spout
 - Lever handles
- Rough-in only
- 1/2" CC – w/diverter
 - M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T944BN	BN	4906030	425.10
T944ORB	ORB	4906035	467.60
Rough-in Valve			
9992		4900018	245.20

Kingsley



- Trim only
- High arc spout
 - Lever handles
- Rough-in only
- 1/2" CC – adjustable
 - M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T920BN	BN	4905045	453.15
T920ORB	ORB	4905051	498.45
Rough-in Valve			
4992		4903191	108.80

Kingsley



- Trim only
- High arc spout
 - Single function hand shower
 - Lever handles
- Rough-in only
- 1/2" CC – w/diverter
 - M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T922BN	BN	4905050	831.60
T922ORB	ORB	4905055	914.75
Rough-in Valve			
9992		4900018	245.20

Monticello



- Trim only
- Lever handles
- Rough-in only
- 1/2" CC – adjustable
 - M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T951	CH	4903195	276.70
T951BN	BN	4901015	394.05
Rough-in Valve			
4992		4903191	108.80

Monticello



- Trim only
- 4 function hand shower – massage, full, vigorous, combination
 - Lever handles
- Rough-in only
- 1/2" CC – w/diverter
 - M-Pact



Model No.	Finish	Prod. No.	List Price
Trim Only			
T953	CH	4901020	431.05
T953BN	BN	4901025	723.15
Rough-in Valve			
9992		4900018	245.20

ROUGH-IN VALVES



Model No.	Prod. No.	List Price
M-Pact – 4" Center – 1/2" IPS Connect		
69300	4903160	81.35
M-Pact – 8"-16" Ctr – 1/2" IPS Connect		
69000	4903155	85.60
Moentrol connect inc. pressure balance stops		
63170	4901702	139.35
M-Pact – Posi-Temp – 1/2" CC Connect		
62320	4901694	86.95
M-Pact – Posi-Temp – 1/2" IPS Connect		
62300	4901693	86.95
M-Pact – Moentrol – 1/2" CC Connect		
3330	4905000	206.35

LAUNDRY



- 4992**
- 1/2" CC
 - Adjustable no-cut spout shank
 - M-Pact
- 9992**
- 1/2" CC
 - No-cut spout shank
 - M-Pact
 - With diverter

Model No.	Prod. No.	List Price
4992	4903191	108.80
9992	4900018	245.20

Chateau



- 1/2" Connections
- Garden Hose Attachment
- 4" Centers

Model No.	Finish	Prod. No.	List Price
4975	CH	4900890	79.20



Don't see what
you're looking for,

ASK US!!

We're here to help

Faucet Parts & Accessories

PARTS & ACCESSORIES



Model No.	Prod. No.	List Price
117—Spout Seal Kit Chateau & Legend Kitchen Faucet	4902040	4.40
13094—Hdl Assbly For Legend, Moentrol, & Boutique T/S	4902060	18.90
96914—Retainer Clip F/PosiTemp	4902481	4.30
1224B—Replace Cartridge F/2 Hdl Or Widespread	4902646	12.05
96797—Handle Assembly Kit Chateau T/S	4902540	21.05
96884—Handle Kit F/PosiTemp	4902560	21.10
1200—Cartridge Brass	4902640	28.65
1225—Cartridge Plastic	4902641	23.10
1222—Cartrdg F/Chateau PosiTemp T/S Vlv	4902645	64.05
96791—Handle Kit Chateau Lav	4902760	21.05
91192—Diverter Chateau & Legend Kitchen	4902960	20.75
104421—Cartridge Puller f/1200, 1222 and 1225	4900022	43.95
100110—Installation Tool f/Valve Body 9000 and 69000	4903156	10.10



1224



1200

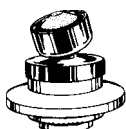


1225



1222

Swing N Spray



Model No.	Prod. No.	List Price
20200—2.2 G.P.M.	4900020	26.95

Model No.	Finish	Prod. No.	List Price
Trim Only			
T90331BN	BN	4900006	63.85
T90331ORB	ORB	4900007	70.75
Rough-in Kit Only			
140690		4900005	5.20

Diverter Spouts



3911

3804

3931

Model No.	Prod. No.	List Price
3911 - With Soap Tray	4900011	40.10
3804 - Tub Filler Zinc - IPS	4900014	17.00
3931 - Slip Fit Spout	4900016	37.90

BATHROOM ACCESSORIES



Brantford Collection



Brushed Nickel

Model No.	Prod. No.	List Price
YB2218BN..... 18" Towel Bar	4910575	58.27
YB2224BN..... 24" Towel Bar	4910580	61.33
YB2286BN..... Towel Ring	4910583	36.04
YB2203BN..... Double Robe Hook	4910565	26.36
YB2208BN..... Toilet Paper Holder	4910570	47.47
YB2201BN..... Toilet Tank Lever	4910560	37.29

Oil Rubbed Bronze

Model No.	Prod. No.	List Price
YB2218ORB..... 18" Towel Bar	4910600	64.14
YB2224ORB..... 24" Towel Bar	4910605	67.38
YB2286ORB..... Towel Ring	4910610	39.72
YB2203ORB..... Double Robe Hook	4910590	29.04
YB2208ORB..... Toilet Paper Holder	4910595	52.21
YB2201ORB..... Toilet Tank Lever	4910585	41.03

Eva Collection



Brushed Nickel

Model No.	Prod. No.	List Price
YB2818BN..... 18" Towel Bar	4910715	58.27
YB2824BN..... 24" Towel Bar	4910720	61.33
YB2886BN..... Open Towel Ring	4910725	36.04
YB2830BN..... Robe Hook	4910705	26.36
YB2808BN..... Open Toilet Paper Holder	4910710	47.47
YB2801BN..... Toilet Tank Lever	4910700	37.29

Oil Rubbed Bronze

Model No.	Prod. No.	List Price
YB2818ORB..... 18" Towel Bar	4910745	64.14
YB2824ORB..... 24" Towel Bar	4910750	67.38
YB2886ORB..... Open Towel Ring	4910755	39.72
YB2803ORB..... Robe Hook	4910735	29.04
YB2808ORB..... Open Toilet Paper Holder	4910740	52.21
YB2801ORB..... Toilet Tank Lever	4910730	41.03

Bathroom Accessories

BATHROOM ACCESSORIES



Kingsley Collection



Brushed Nickel

Model No.	Prod. No.	List Price
YB5418BN..... 18" Towel Bar	4910515	70.78
YB5424BN..... 24" Towel Bar	4910520	73.40
YB5486BN..... Towel Ring	4910525	49.43
YB5403BN..... Double Robe Hook.....	4910505	33.43
YB5408BN..... Pivoting T. P. Holder.....	4910510	61.44
YB5401BN..... Toilet Tank Lever	4910500	43.60

Oil Rubbed Bronze

Model No.	Prod. No.	List Price
YB5418ORB..... 18" Towel Bar	4910550	77.86
YB5424ORB..... 24" Towel Bar	4910545	80.77
YB5486ORB..... Towel Ring	4910555	54.36
YB5403ORB..... Double Robe Hook.....	4910535	36.82
YB5408ORB..... Pivoting T. P. Holder.....	4910540	67.63
YB5401ORB..... Toilet Tank Lever	4910530	47.94

Monticello Collection



Chrome

Model No.	Prod. No.	List Price
YB4718CH..... 18" Towel Bar	4910160	67.01
YB4724CH..... 24" Towel Bar	4910190	71.20
YB4786CH..... Towel Ring	4910220	48.46
YB4703CH..... Double Robe Hook.....	4910100	32.48
YB4708CH..... Toilet Paper Holder	4910130	59.46

Brushed Nickel

Model No.	Prod. No.	List Price
YB4718BN..... 18" Towel Bar	4910255	71.13
YB4724BN..... 24" Towel Bar	4910260	73.76
YB4786BN..... Towel Ring	4910265	49.59
YB4703BN..... Double Robe Hook.....	4910245	33.60
YB4708BN..... Toilet Paper Holder	4910250	61.70

Capitol Group Kitchen & Bath Design Center

Springfield ~ St. Louis

Capitol Group Bath Center
~ Bloomington ~

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BATHROOM ACCESSORIES



Recessed Soap Dish & Utility Bar



Model No.	Prod. No.	List Price
608—Chrome.....	34001035	35.37

Recessed Paper Holder, Easy-Out Roller



607C

Model No.	Prod. No.	List Price
Chrome W/Chrome Roller 607C.....	34001015	35.65
Installation Clamp 600C.....	34002010	4.02

Paper Holder, Easy-Out Roller



Model No.	Prod. No.	List Price
Chrome W/Chrome Roller 1408C.....	34001095	13.72

Robe Hooks



Model No.	Prod. No.	List Price
Moen/Donner Double Hook—Chrome 303CH	4910300	15.16

Grab Bars

516SS



Chrome

Model No.	Prod. No.	List Price
516SS—16" Long, 7/8" Dia.....	34001215	24.02
524SS—24" Long, 7/8" Dia.....	34001225	28.28
Handicapped W/Concealed Screws		
5624—24" x 1-1/2" Horiz HLC24	34007100	36.29
5636—36" x 1-1/2" Horiz HLC36	34007110	43.68
5642—42" x 1-1/2" Horiz HLC42	34007120	47.33

Ginger Decorative
Accessories are available
through all
Capitol Group
Showrooms.



Decorative Bath Trim

DECORATIVE BATH TRIM

BN – Brushed Nickel
WB – Old World Bronze



Trip Lever Trim Only



- Includes
- Faceplate
 - Screws
 - Strainer

Model No.	Finish	Prod. No.	List Price
B51-14BN	BN	1610100	31.27
B51-14WB	WB	1610105	31.27

Toe Touch Conversion Kit



- Includes
- Drain
 - Bushing
 - Faceplate
 - 2 Screws
 - Fits 1-3/8" or 1-1/2" waste elbows

Model No.	Finish	Prod. No.	List Price
B51-56BN	BN	1610110	51.81
B51-56WB	WB	1610115	51.81

Cast Brass Heavy Duty Strainers

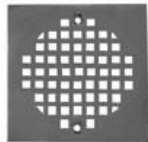


- 4-1/4" Square Strainer

Model No.	Finish	Prod. No.	List Price
C60-83BN	BN	1610120	27.66
C60-83WB	WB	1610125	27.66

FINISHED
BRASS

Snap-In Strainers



- For no caulk fiberglass shower stalls

Model No.	Finish	Prod. No.	List Price
D40-05BN	BN	1610130	32.73
D40-05WB	WB	1610135	32.73

Compression Angle Stop



- 5/8" Comp. x 3/8" Comp.

Model No.	Finish	Prod. No.	List Price
S42-11BN	BN	1610205	31.36
S42-11WB	WB	1610210	31.36

Compression Straight Stop



- 5/8" Comp. x 3/8" Comp.

Model No.	Finish	Prod. No.	List Price
S43-12BN	BN	1610215	31.36
S43-12WB	WB	1610220	31.36

Lav Supply Tubes



- 3/8" x 20"

Model No.	Finish	Prod. No.	List Price
S44-02BN	BN	1610225	13.89
S44-02WB	WB	1610230	13.89

Closet Supply Tubes



- 3/8" x 20"

Model No.	Finish	Prod. No.	List Price
S44-05BN	BN	1610235	18.04
S44-05WB	WB	1610240	18.04

Escutcheons



- 1/2" CTS - 5/8" OD Low Pattern - 2-1/2" OD

Model No.	Finish	Prod. No.	List Price
E01-05BN	BN	1610245	6.66
E01-05WB	WB	1610250	6.66



Springfield	Peoria	Bloomington
800-477-8526	800-477-0696	309-664-1770
FAX 217-793-7637	FAX 309-699-3987	FAX 309-664-1771
Champaign	Marion	St. Louis
800-477-1118	800-477-0231	800-489-8400
FAX 217-351-1051	FAX 618-993-8251	FAX 314-772-7185

We are just a phone call away!

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NOTES



Custom Shower Systems

Most systems utilize a bank of two or three body sprays on one or multiple walls. Volume controls operate each bank of body sprays. Certainly popular today are "his and hers" showers for two.

The body sprays are typically utilized in addition to a shower head and/or hand shower. One of the growing trends is to use an oversized shower head (like the Alsons 6" diameter Tropical Rain) which can be mounted like any shower head or as an overhead shower head...or both! Use one or all showering spray functions at one time.

Alsons Shower Spa® Body Spray

The Shower Spa® body spray features a unique spray. Most body sprays are actually shower heads with a narrow spray and "hollow" center. Not the Shower Spa body spray!

As shown in the chart on the right, the Shower Spa® spray spans 12" wide for each 12" of distance... with a continuous burst of water.

Alsons' spray with a wide burst of water requires only two or three jets from each side (four to six from two walls) for coverage from head to toe, and easily surpasses other products which typically spray only 4" to 6" for every foot of distance from the wall and would require eight to twelve jets for total body coverage on sprays, coming from two walls.

It is important to fully plan your spray pattern early in the design process. In most cases, the spray should be directed to the upper shoulders, lower back and the knees/thigh areas. Remember, the wide, full Shower Spa® spray creates a 12" wide spray from a distance of 12" from the wall. It is recommended to position the body sprays so the water will not hit the bather's face.

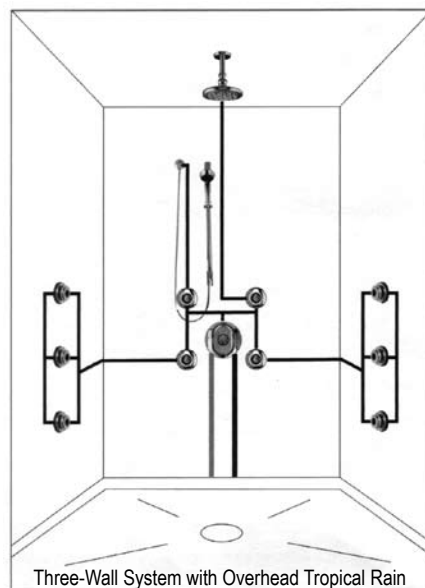
Besides the outstanding spray, the Shower Spa body spray utilizes only 1.5 gallons of water per minute, at 40 pounds per square inch (psi), compared to 2.5 gpm for most other body sprays. This is a tremendous advantage for maximum versatility in a custom shower, enabling the installation to have additional shower heads and hand showers installed, and yet meet the water flow limits of the thermostatic valve selected.

Flow Capacity of Body Sprays, Shower Heads and Hand Showers

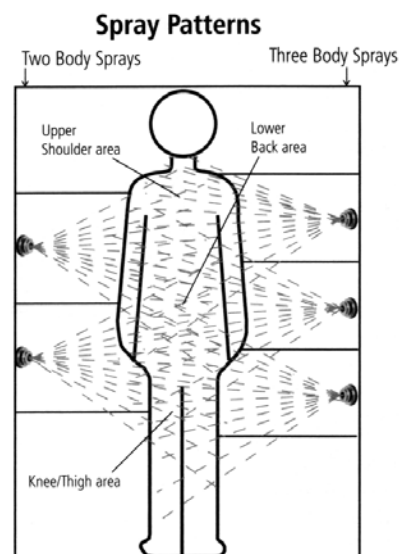
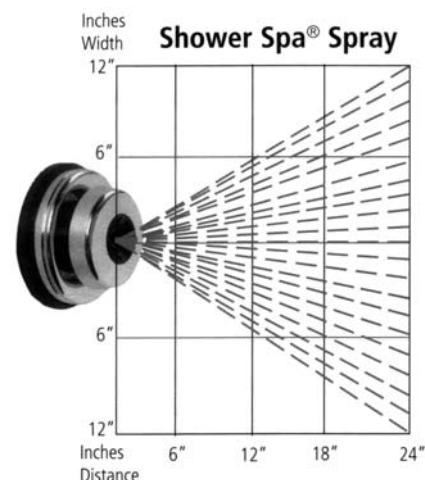
Water flow is restricted at a maximum of 2.5 gpm in North America. Alsons shower heads and hand showers – even the extra-large Tropical Rain shower head - all operate at 2.5 gpm and the body sprays at only 1.5 gpm. The water restriction is legislated to save water and energy, and thus also save money.

If the flow restrictors were to be removed by the homeowner (which is not recommended), the hand showers and shower heads would have a 4.5 gpm water flow and the Tropical Rain a flow of about 6 gpm.

Contact your sales representative for designs and installation options.



Three-Wall System with Overhead Tropical Rain



Hand Showers & Accessories

SHOWER SYSTEMS



Includes

- 462 PB Push Button Hand Held Shower
- UltraFlex Hose 490 - 60"
- 3001 Wall Mount (1)

Model No.	Prod. No.	List Price
White		
410 PB PK	5001100	57.02
Chrome		
410 PB C PK	5001110	64.15



Includes

- 425 C PK Chrome Five-Spray/Massage Hand Held Shower
- 495 DS Extendible SS Hose - 60" - 82"
- 15041 Wall Bar - 28" w/Adj Mount

Model No.	Prod. No.	List Price
1504 MA C BX	5001380	189.78



Includes

- 462 White Hand Held Shower
- 15041 C Wall Bar - 28" w/Adj Mount
- UltraFlex Hose 494 C - 70"

Model No.	Prod. No.	List Price
1521 BX	5001125	124.70



Includes

- 462 PB White Push Button Hand Held Shower
- 15041 C Wall Bar - 28" w/Adj Mount
- UltraFlex Hose 494 C - 70"

Model No.	Prod. No.	List Price
1521 PB BX	5001310	138.11



Includes

- 425 C PK Chrome Five-Spray/Massage Hand Held Shower
- 5002 Swivel Connector
- 495 DS Extendible SS Hose - 60" - 82"
- 25011 Wall Bar - 24" w/Adj Pin Mount

Model No.	Prod. No.	List Price
1551 MA C BX	5001220	169.29

HAND SHOWERS



Five-Spray/Massage



- Includes two massage sprays
- Anti-clog/rub clean nozzles
- Extra wide spray

Model No.	Finish	Prod. No.	List Price
435 C PK	CH	5000150	38.31

Full Spray



- Rub clean nozzles for removal of deposits
- Double check valve

Model No.	Finish	Prod. No.	List Price
462 PK	WH	5000199	18.71

Full Spray Push Button



- Push button trickle/full spray control
- Rub clean nozzles for removal of deposits
- Double check valve

Model No.	Finish	Prod. No.	List Price
462 PB C PK	CH	5000198	30.29
462 PB PK	WH	5000197	24.06

SHOWER HEADS



Five-Spray/Massage



- Includes three massage sprays
- Anti-clog/rub clean nozzles
- Trickle setting for shampoo/soap-up
- Easy-turn spray dial with lever

Model No.	Finish	Prod. No.	List Price
635 C PK	CH	5000275	25.84



Full Spray



Trickle



Fast Massage



Aerated Spray



Slow Massage



Full Spray Aeration



Full Spray Massage

CONNECTORS, SHOWER/WALL MOUNTS



Pin Mount Swivel Connector



- Plastic construction

Model No.	Finish	Prod. No.	List Price
4002 C PK	CH	5000500	12.47
4002 PK	WH/CH	5000550	10.69

Pin Mount Swivel Connector




















- Metal construction

Model No.	Finish	Prod. No.	List Price
5002 PK	CH	5000881	21.38

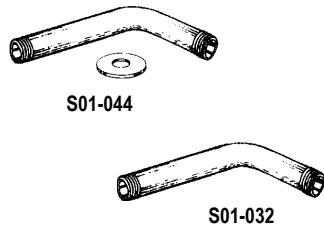
Hand Shower Accessories

FINISHED
BRASS

<div>CONNECTORS, SHOWER/WALL MOUNTS</div> <div></div>	<div>Shower Arm Pin Mount</div> <div></div> <div><ul style="list-style-type: none">▪ Metal construction</div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>4301 PK</td><td>CH.....</td><td>5000580</td><td>17.82</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	4301 PK	CH.....	5000580	17.82	<div>Shower Arm Mount</div> <div></div> <div><ul style="list-style-type: none">▪ Adjustable arm mount</div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>3401 C PK</td><td>CH.....</td><td>5000480</td><td>11.58</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	3401 C PK	CH.....	5000480	11.58	<div>Clean Pin Wall Mount</div> <div></div> <div><ul style="list-style-type: none">▪ Includes mounting screws</div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>5001 PK</td><td>CH.....</td><td>5000880</td><td>11.58</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	5001 PK	CH.....	5000880	11.58																
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<div>Wall Mount</div> <div></div> <div><ul style="list-style-type: none">▪ Adhesive or concealed screw mount</div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>3001 C PK</td><td>CH.....</td><td>5000460</td><td>15.15</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	3001 C PK	CH.....	5000460	15.15	<div>Classic Wall Bar</div> <div></div> <div><ul style="list-style-type: none">▪ Adjustable pin mount▪ 24" wall bar▪ Concealed screw mounting and tile offset</div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>25011 C BX</td><td>CH.....</td><td>5001370</td><td>92.66</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	25011 C BX	CH.....	5001370	92.66	<div>VACUUM BREAKERS</div> <div></div> <div>SPEAKMAN®</div>	<div>Vacuum Breaker</div> <div></div> <div><ul style="list-style-type: none">▪ Atmospheric type▪ 1/2" connections w/brass shield</div> <div></div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>4900</td><td>CH.....</td><td>5001060</td><td>23.17</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	4900	CH.....	5001060	23.17																
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<div>Supply Elbow</div> <div></div> <div><ul style="list-style-type: none">▪ All-brass supply elbow for 1/2" connections▪ Replaces standard shower arm</div> <div><table><tr><td>Model No.</td><td>Finish</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>4980 PK</td><td>CH.....</td><td>5000840</td><td>32.08</td></tr></table></div>	Model No.	Finish	Prod. No.	List Price	4980 PK	CH.....	5000840	32.08	<div>SHOWER HOSES</div> <div></div>	<div>UltraFlex Hose</div> <div></div> <div><ul style="list-style-type: none">▪ White hose with Chrome ribbon▪ One conical and one all-brass nut▪ Hose Length in Bold Print</div> <div><table><tr><td>Model No.</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>494 C 60 PK</td><td>5000242</td><td>23.17</td></tr></table></div>	Model No.	Prod. No.	List Price	494 C 60 PK	5000242	23.17	<div>UltraFlex Hose</div> <div></div> <div><ul style="list-style-type: none">▪ Black hose with Chrome ribbon▪ One conical and one all-brass nut▪ Hose Length in Bold Print</div> <div><table><tr><td>Model No.</td><td>Prod. No.</td><td>List Price</td></tr><tr><td>490 60 PK</td><td>5000245</td><td>23.17</td></tr><tr><td>490 70 PK</td><td>5000250</td><td>25.84</td></tr></table></div>	Model No.	Prod. No.	List Price	490 60 PK	5000245	23.17	490 70 PK	5000250	25.84																	
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Accessories & Commercial Faucets

BATH & SHOWER ACCESSORIES

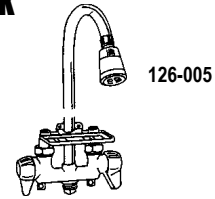


Model No.	Prod. No.	List Price
1/2" x 6" Shw Arm & Flg S01-044	15510007	7.22
1/2" x 8" Shw Arm S01-032	15510008	7.91

B & K

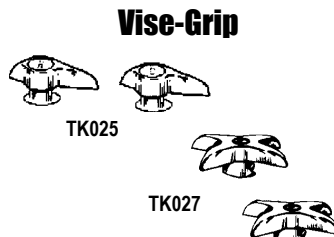


Model No.	Prod. No.	List Price
Bath Cock 123-004	5205020	35.89
Utility Shower Faucet 126-005	5205010	62.81
Wall Fct 8" Spout W/Soap Dish 123-014	5205030	96.09
Face Plate Assy 129-008	15511910	4.37



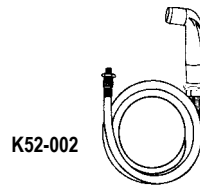
123-014

FAUCET & SINK ACCESSORIES



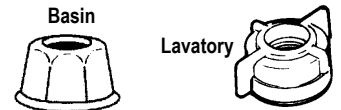
Model No.	Prod. No.	List Price
Lever Handle (Pair) TK025	15510170	8.91
Cross Handle (Pair) TK027	15510165	9.48

Spray & Hose Assembly



Model No.	Prod. No.	List Price
Replacement Spray and Hose Assembly K52-002	15510140	11.39
Spray Head Only K52-001	15510120	5.12

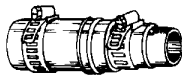
Basin/Lavatory Nut



Size	Prod. No.	List Price
Basin – Zamack 1/2" - 14 x 9/16" Brass	15510104	0.89
Lavatory – Plastic 1/2" - 14 x 1/2"	15510105	0.47

Disposal Connector

- Includes 2 Clamps



Model No.	Prod. No.	List Price
D10-001	15510070	1.52

Auto Trap Vent



Model No.	Prod. No.	List Price
P21-150	15511580	3.92

COMMERCIAL FAUCETS & PARTS



Lavatory

- 633 Handle
- E12 Aerator



Model No.	Prod. No.	List Price
Single Lavatory-Cold Index 700	4302510	130.88

Lavatory



- 4" Centers
- 4" Spout
- 369 Handle
- E12 Aerator

Model No.	Prod. No.	List Price
Without Pop-Up 802A	4302557	159.61

Single Sink/Bar

- Single Hole Inlet
- GN2A 5-3/8" Spout
- 369 Handle
- E3 Aerator



Model No.	Prod. No.	List Price
Single Handle-Cold Index 350	4302205	159.52

Hospital

- Vacuum Breaker Spout W/Pailhook
- 3/4" Hose Thread Outlet
- 369 Handle
- R Integral Stop Arms
- Adjustable Centers 4" To 8"



Model No.	Prod. No.	List Price
Rough Chrome Plated 897RCF	4302665	176.27

Hospital



- 4" Center
- GN1A 3-1/2" Spout
- 317 4" Blade Handle
- E3 Aerator

Model No.	Prod. No.	List Price
895-317	4302650	205.98



Model No.	Prod. No.	List Price
Faucet Stems Right 1-099XTJK	4304020	23.01
Left 1-100XTJK	4304025	23.01

Commercial Faucets & Parts

COMMERCIAL FAUCETS & PARTS



Sink & Pantry Faucets

- Sink Mixing Faucet
- 8" Centers Wall Mnt



Model No.	Prod. No.	List Price
B-0230-LN	4310200	153.26

Service Sink Faucets

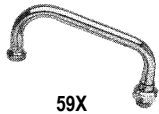
- Vacuum Breaker Nozzle W/Pail Hook
- 3/4" Hose Thread On Outlet
- 8" Centers



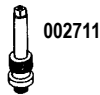
Model No.	Prod. No.	List Price
B-665STRM-Rough Brass	6639592	168.21



Model No.	Prod. No.	List Price
Swivel Gooseneck		
133X-9-1/2"	4311980	40.26



Model No.	Prod. No.	List Price
59X-6" Swing Spout	4310350	28.73
61X-10" Swing Spout	4310275	32.79
62X-12" Swing Spout	4310325	34.92
63X-14" Swing Spout	4310300	37.06



002711



B-133



B-155-ADF

Model No.	Prod. No.	List Price
002711-40-Eterna Spindle Assy, Spring Check, LH Cold	4310500	52.12
002712-40-Eterna Spindle Assy, Spring Check, RH Hot	4310525	52.12
002713-40-Eterna Spindle Assy, LH Cold	4311880	51.78
002714-40-Eterna Spindle Assy, RH Hot	4311860	51.78
B-133 - Pre-Rinse Unit, 8" Centers	4310600	437.35
B-155-ADF - Add-On Faucet F/Use W/Pre-Rinse Units, 6" Noz. Std.	4310900	108.40
B-107 - Spray F/Pre-Rinse Unit	4311000	86.40
B-0044-H - Flexible SS Hose 44"	4311100	76.36
HG-4D-48 - Gas Hose 3/4" x 48" QD	4311440	252.05
HG-4D-48-SK - Gas Hose 3/4" x 48" QD Swivel Kit	4311420	427.73
B-9K-Lever Handle Kit	4311500	15.91
B-11K - Externa Cartridge Spray Kit	4311600	19.44
B-21K - Externa Cartridge Replacement	4311700	15.38
B-10K - B-0107 Repair Kit	4311020	19.65
B-0969-RK01 - 1/2" Atmospheric Vacuum Breaker	4311780	25.53

Food Service



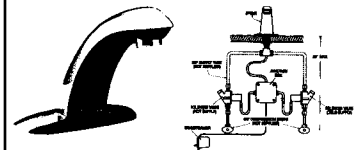
- Pre-Rinse Spray W/Flex SS Hose

Model No.	Prod. No.	List Price
3/8" IPS Male Adapter		
053A	4310800	10.89
1/2" IPS Male Adapter		
B-100	4310400	161.80

METERING FAUCETS



Model No.	Prod. No.	List Price
S-60-H-Metering ADA	4500100	267.52
LL-1A-Control Cartridge	4503300	127.76

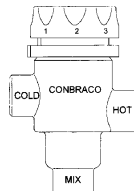


- 1 Solenoid, module plug-in system wire box tempering valve must be ordered separate.



Model No.	Prod. No.	List Price
ETF80	7111000	563.92
Back check Battery Operated		
EBF85M	7111200	674.88

MIXING VALVE



Product #	Size Conn.	Mixed Temp. Range	Flow GPM
34A-213-T	1/2"	110 - 150° F	6
34A-214-T	3/4"	110 - 150° F	8

Model No.	Prod. No.	List Price
34A-213-T-1/2"	17020100	122.53
34A-214-T-3/4"	17020200	140.04



- Tempered water supply to one faucet, mechanical mixing valve with 3/8" compression connections and in-line checks for hot and cold supplies.



Model No.	Prod. No.	List Price
4-10B-3/8"	4500500	106.49



- Proportional flow design, maintains mixed water temperature to $\pm 3^{\circ}\text{F}$ up to 120°F (49°C), installs easily between the stop valves and faucet.



Model No.	Prod. No.	List Price
USG-B-3/8"	8901900	121.86

Mixing Valves

THERMOSTATIC MIXING VALVE



- 1/2" thermostatic water mixing valve, straight checkstops, copper tube connections on inlets, IPS outlet.



- Inlets/Outlets – 1/2"
- Max. Flow (gpm) – 7
- Weight (pounds) – 5

Model No. Prod. No. List Price
210-SB.....4360100 262.44

- 3/8" single outlet thermostatic mixing valve (f/one fixture only), powered by a copper encapsulated element. The unit includes integral check valves and compression fittings on the inlets. **With cold water by pass port.**



- Inlets/Outlets – 3/8"
- Min. Flow (gpm) – 0.5
- Max. Supply Pressure – 125 PSI

Model No. Prod. No. List Price
170-BP.....4360200 109.00



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CROSS REFERENCE GUIDE



FLUSH VALVES

FLUSH VALVES

Zurn Aquaflush	GPF	Prod. No.	Sloan Regal	GPF	Prod No.
Closets					
Z6000	3.5	9500035	Regal 110	3.5	7105605
Z6000-WS1	1.6	9500040	Regal 111	1.6	7105608
Z6000-2	3.5	9500045	Regal 115	3.5	7105610
Z6000-2-WS1	1.6	9500190	Regal 115-1.6	1.6	7105615
Z6000-3	3.5	9500050	Regal 116	3.5	7105620
Urinals					
Z6001	3.0	9500055	Regal 180	3.5	7105630
Z6003	1.5	9500060	Regal 186	1.5	7105635
Z6003-WS1	1.0	9500195	Regal 186-1.0	1.0	7105638

EXPOSED FLUSH VALVES

Zurn AquaVantage	GPF	Prod. No.	Sloan Royal	GPF	Prod. No.
Closets					
Z6000AV	3.5	9500005	Royal 110	3.5	7105160
Z6000AV-WS1	1.6	9500010	Royal 111	1.6	7105607
Z6000AV-2	3.5	9500015	Royal 115	3.5	7105215
Z6000AV-3	3.5	9500020	Royal 116	3.5	7105290
Urinals					
Z6001AV	3.0	9500025	Royal 180	3.5	7105465
Z6003AV	1.5	9500030	Royal 186	1.5	7105500
Z6003AV-WS1	1.0	9500180	Royal 186-1.0	1.0	7105550

FLUSH VALVE PARTS

Description	Zurn No.	Prod No.	Sloan No.	Prod No.
Vacuum Breaker Repair Kit	P6000-B-BP	9500075	V-551-A	7106515
SD 1" Stop Valve Repair Kit	P6000-D-SD-BP	9500080	H-541-AA	7106269
3/4" Stop Valve Repair Kit	P6003-D	9500220	H-543-AA	7106268
Diaphragm	P6000-ER15	9500090	A-56-A	7106030
Inside Cover	P6000-L-BP	9500095	A-71	7106015
Handle Assembly f/Exp Vlv	P6000-M	9500210	B-32-A	7106050
Handle Repair Kit f/Exp Vlv	P6000-MK-BP	9500105	B-50-A	7106060
1-1/2" x 21" Flush Tube/ Vacuum Breaker	P6000-2-A-AA-CP	9500240	V-500-AA	7106415
1-1/2" x 24" Flush Tube/ Vacuum Breaker	P6000-3-A-AA-CP	9500250	V-500-AA	7106417
Molded Disc	P6000-E14	9500200	A-15-A	7105980

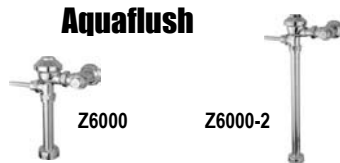
Description	Zurn No.	Prod No.	Sloan No.	Prod No.
Diaphragm Repair Kit	P6000-EER	9500205	A-156-AA	7106031
O-Ring	P6000-C31	9500215	H-553	7106245
3/4" Spud & Clpg Assy	P6003-H	9500225	F-5-A	7106375
1-1/2" Spud & Clpg Assy	P6000-H	9500230	F-5-A	7106385
1.0 GPF Urinal Repair Kit	P6000-EUR-WS1-CS	9500120	A-42-A	7106045
1.0 GPF Urinal Repair Kit	P6000-EUR-WS	9500160	A-42-A	7106045
1.6 GPF Closet Repair Kit	P6000-ECR-WS1-CS	9500125	A-41-A	7106044
3.5 GPF Closet Repair Kit	P6000-ECR-WS	9500165	A-38-A	7106033
4.5 GPF Closet Repair Kit	P6000-ECR-FF	9500260	A-36-A	7106500

Cross Reference Information: This does not guarantee any references given are of functional equivalency or that performance and other characteristics are exact.

Flush Valves & Parts

FLUSH VALVES & AUTOMATIC FLUSH

ZURN®



• Exposed flush valve w/top spud connections

Model No.	Prod. No.	List Price
Closets w/11-1/2" Rough-In		
Z6000-WS1-YC-1.6 Gal.	9500040	106.00
Z6000-YB-3.5 Gal.	9500035	106.00
Closet w/24" Rough-In		
Z6000-2-WS1-YB-1.6 Gal.	9500190	108.00
Z6000-2-YB-3.5 Gal.	9500045	106.00
Closet w/27" Rough-In		
Z6000-3-YB-3.5 Gal.	9500050	106.00

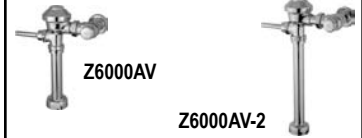
Aquaflush



• Exposed flush valve w/top spud connections

Model No.	Prod. No.	List Price
For 3/4" Urinals		
Z6003-WS1-YB-1.0 Gal.	9500195	108.00
Z6003-YB-1.5 Gal.	9500060	106.00
For 1-1/4" Urinals		
Z6001-YB-3.0 Gal.	9500055	106.00

AquaVantage AV



• Exposed flush valve w/top spud connections

Model No.	Prod. No.	List Price
Closets w/11-1/2" Rough-In		
Z6000AV-WS1-YB-1.6 Gal.	9500010	164.00
Z6000AV-YB-3.5 Gal.	9500005	164.00
Closet w/24" Rough-In		
Z6000AV-2-YB-3.5 Gal.	9500015	164.00
Closet w/27" Rough-In		
Z6000AV-3-YB-3.5 Gal.	9500020	164.00

AquaVantage AV



• Exposed flush valve w/top spud connections

Model No.	Prod. No.	List Price
For 3/4" Urinals		
Z6003AV-WS1-1.0 Gal.	9500180	166.00
Z6003AV-YB-1.5 Gal.	9500030	164.00
For 1-1/4" Urinals		
Z6001AV-YB-3.0 Gal.	9500025	164.00

AquaSense



• Sensor-Operated, Battery-Powered

Model No.	Prod. No.	List Price
For 3/4" Urinal-1.0 Gal		
ZER6003AV-WS1-CP	9500300	423.60

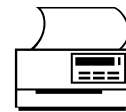
AquaSense



• E-Z Flush Automatic Retrofit Kit For Closets and Urinal Valves

Model No.	Prod. No.	List Price
Chrome Metal Cover		
ZERK-CPM	9500065	252.00
Chrome-Plated Polycarbonate Cover		
ZERK-CP	9500070	236.00

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FLUSH VALVE PARTS

ZURN®

Model No.	Description	Prod. No.	List Price
P6000-B-BP	Vacuum Breaker Repair Kit	9500075	2.77
P6000-C-SD-CP	SD 1" Stop - CP	9500185	41.51
P6000-D-SD-BP	SD 1" Stop Valve Repair Kit	9500080	8.95
P6003-D-SD-BP	SD 3/4" Stop Valve Repair Kit	9500085	8.95
P6003-D	3/4" Stop Valve Repair Kit - H53AA - Royal	9500220	8.95
P6000-ER15	AquaFlush Diaphragm - Chemical Resistant	9500090	5.13
P6000-L-BP	Internal Cap (Inside plastic cover)	9500095	6.11
P6000-M	Handle Assembly F/Exp Valve	9500210	15.30
P6000-M-ADA-BP	Handle Assembly F/Exp Valve ADA Compliant	9500100	15.30
P6000-MK-BP	Handle Repair Kit F/Exp Valve (Side) No Leak	9500105	3.01
P6003-A-AA-CP	3/4" x 9" Flush Tube/Vacuum Breaker W/Nut - CP	9500110	19.62
P6003-A-AA-CP	1-1/2" x 9" Flush Tube/Vacuum Breaker L/Nut CP	9500115	19.62
P6000-2-A-AA-CP	1-1/2" x 21" Flush Tube/Vacuum Breaker W/Nut - CP	9500240	36.71
P6000-3-A-AA-CP	1-1/2" x 24" Flush Tube/Vacuum Breaker W/Nut - CP	9500250	39.15
P6000-ECR-WS1-RK-CS	1.0 GPF Closet Rebuild Kit	9500155	28.90
P6000-ECA-WS1-RK-CS	1.6 GPF Closet Rebuild Kit	9500140	41.19
P6000-EUR-WS1-RK-CS	1.0 GPF Urinal Rebuild Kit	9500150	28.90
P6000-EUA-WS1-RK-CS	1.0 GPF Urinal Rebuild Kit	9500145	41.19
P6000-E14	Molded Disc	9500200	4.07
P6000-EER	Diaphragm Repair Kit	9500205	10.01
P6000-C31	O-Ring for Tailpiece	9500215	0.90
P6003-H	3/4" Spud Escutcheon & Coupling Assembly	9500225	12.05
P6000-H	1-1/2" Spud Escutcheon & Coupling Assembly	9500230	12.05
P6000-EUR-WS1-CS	1.0 GPF Urinal Repair Kit (clam shell package)	9500120	24.99
P6000-EUR-WS1	1.0 GPF Urinal Repair Kit (box package)	9500160	17.91
P6000-EUA-WS1-CS	1.0 GPF Urinal Repair Kit - Chem & Clog Resistant	9500135	35.00
P6000-EUA-WS	1.5 GPF Urinal Repair Kit - Chem & Clog Resistant	9500170	35.00
P6000-ECR-WS1-CS	1.6 GPF Closet Repair Kit	9500125	24.99
P6000-ECA-WS1-CS	1.6 GPF Closet Repair Kit - Chem & Clog Resistant	9500130	35.00
P6000-ECR-WS	3.5 GPF Closet Repair Kit	9500165	17.91
P6000-ECA-WS	3.5 GPF Closet Repair Kit - Chem & Clog Resistant	9500175	35.00
P6000-ECR-FF	4.5 GPF Closet Repair Kit	9500260	17.91

Flush Valves & Parts

FLUSH VALVES & AUTOMATIC FLUSH

SLOAN®

Regal



Model No.	Prod. No.	List Price
Closets w/11-1/2" Rough-In		
111-1.6 Gal	7105608	110.44
110-3.5 Gal	7105605	110.44
Closets w/24" Rough-In		
115-1.6-1.6 Gal	7105615	115.00
115-3.5 Gal	7105610	115.00
Closets w/27" Rough-In		
116-3.5 Gal	7105620	115.00

Regal



Model No.	Prod. No.	List Price
For 3/4" Urinals		
186-1.0-1.0 Gal	7105638	110.44
186-1.5 Gal	7105635	110.44
For 1-1/4" Urinals		
180-3.5 Gal	7105630	110.44

Royal



Model No.	Prod. No.	List Price
Closets w/11-1/2" Rough-In		
111-1.6 Gal	7105607	166.73
110-3.5 Gal	7105160	166.73
Closets w/24" Rough-In		
115-3.5 Gal	7105215	178.70
Closets w/27" Rough-In		
116-3.5 Gal	7105290	181.74

Royal



Model No.	Prod. No.	List Price
For 3/4" Urinals		
186-1.0-1.0 Gal	7105550	166.73
186-1.5 Gal	7105500	166.73
For 1-1/4" Urinals		
180-1.5-1.5 Gal	7105465	166.73
180-3.5 Gal	7105460	166.73



• Easily converts manual Flushometer to modern water-saving electronics.

Model No.	Prod. No.	List Price
Closet		
EBV-89A-M	7100500	331.93



Springfield	Peoria	Bloomington
800-477-8526	800-477-0696	309-664-1770
FAX 217-793-7637	FAX 309-699-3987	FAX 309-664-1771
Champaign	Marion	St. Louis
800-477-1118	800-477-0231	800-489-8400
FAX 217-351-1051	FAX 618-993-8251	FAX 314-772-7185

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FLUSH VALVE PARTS

SLOAN®

Model No.	Description	Prod. No.	List Price
V-500-AA	1-1/2" x 21" Vacuum Breakers	7106415	41.18
V-500-AA	1-1/2" x 24" Vacuum Breakers	7106417	46.27
Optima Flush Valve Retro-Fit Kits			
RESS-C	1.6 or 3.5 Closet	7115700	384.28
RESS-U	1.5 Urinal	7115710	384.28
C100-500K	Flushmate Cartridge F/Power Assisted Toilets (not for 200 Series)	7108000	38.10
0301168	A-71 Inside Cover	7106015	7.22
5301111	A15A Molded Disc	7105980	4.80
5301188	A156A Diaphragm	7106030	5.65
3301036	Royal Repair Kit	7106500	20.95
3301037	Royal Repair Kit	7106034	20.95
5301189	A156AA Washer Set	7106031	11.78
3301038	A38A 3.5G Cist Repair Kit	7106033	20.95
3301041	A41A 1.6G Cist Repair Kit	7106044	29.26
3301044	A42A 1G Urn Repair Kit	7106045	29.26
3308856	H543AA Repair Kit	7106268	10.45
5302279	B32A Handle Assmby	7106050	13.49
5302305	B50A Repair Kit	7106060	3.56
3323192	VB Repair Kit	7106515	3.18
3308853	SD Repair Kit	7106269	10.45
5308696	H553 O-Ring	7106245	0.93
0314016	CN1002A W/S-123A	7106280	50.54
0306125	F5A 3/4" CP Spud Cplg	7106375	14.11
0306146	F5A 1-1/2" CO Spud Cplg	7106385	14.11

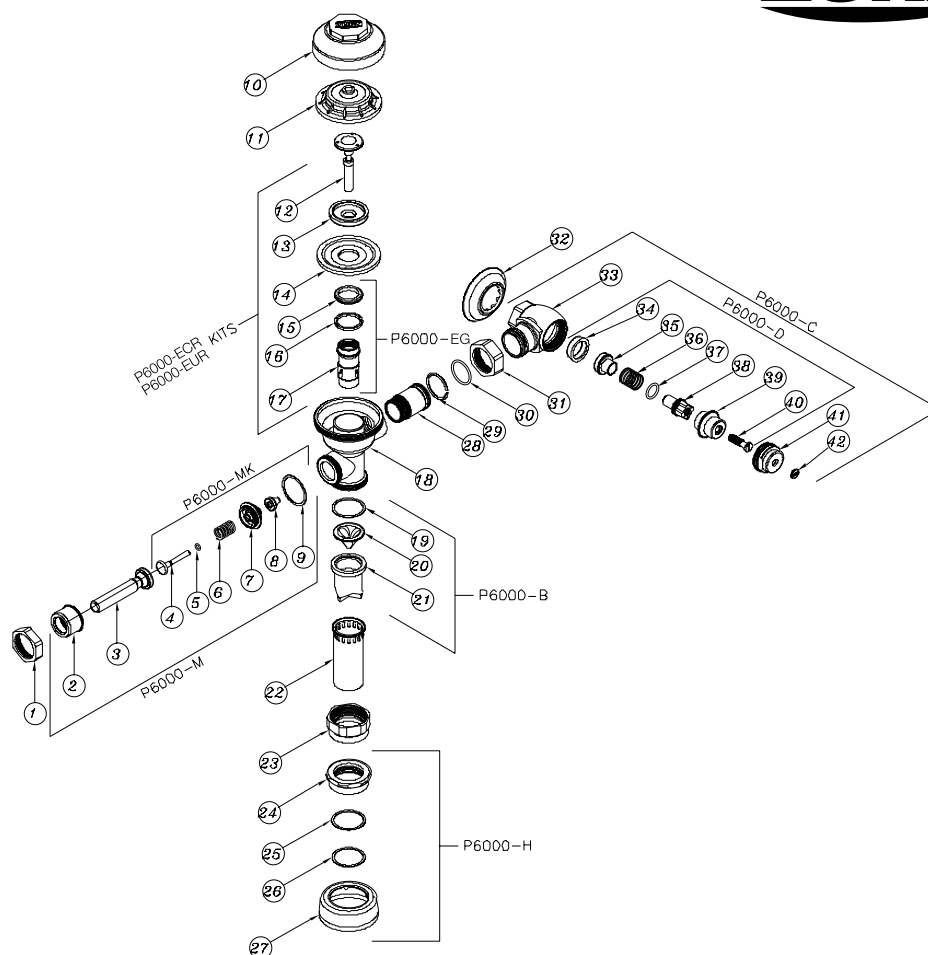
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Aquaflush Exposed Repair Kits



Parts Identification

1. Handle Nut
2. Handle Sleeve and Insert
3. Low Force/ADA Compliant Handle
4. Actuator Rod
5. Handle O-Ring
6. Handle Spring
7. Handle Seal Retainer
8. Handle Seal
9. Gasket
10. Valve Body Cover
11. Plastic Cover
12. Trip Mechanism
13. Retainer Disc
14. Diaphragm
15. Flow Ring
16. Guide Ring
17. Cylinder Slide
18. Valve Body
19. Vacuum Breaker Friction Washer
20. Vacuum Breaker Insert
21. Vacuum Breaker Duckbill
22. Vacuum Breaker Tube
23. Vacuum Breaker Tube Nut
24. Spud Nut
25. Spud Friction Washer
26. Spud Sleeve
27. Spud Escutcheon
28. Tailpiece
29. Snap Ring
30. Tailpiece O-Ring
31. Locking Nut
32. Setscrew for Cast Wall Flange
33. Stop Body
34. Piston Seal
35. Piston
36. Stop Spring
37. Guide O-Ring
38. Piston Guide
39. Guide Holder
40. Adjusting Screw
41. Stop Cap
42. Snap Cap Screw Cover



Covers and Repair Kits	Product No.
Outside Cover - CP - Item 10	P6000-LL
Inside Cover - Item 11	P6000-L
Low Consumption Closet Kit - 1.6 gal. flush	P6000-ECR-WS1
Water Saving Closet Kit - 3.5 gal. flush	P6000-ECR-WS
Full Flow Closet Kit - 4.5 gal. flush	P6000-ECR-FF
Low Consumption Urinal Kit - 1.0 gal. flush	P6000-EUR-WS1
Water Saving Urinal Kit - 1.5 gal. flush	P6000-EUR-WS
Full Flow Urinal Kit - 3.0 gal. flush	P6000-EUR-FF

Repair Parts - Inside Parts	Product No.
Urinal Relief Valve - Item 12	P6000-EU13
Closet Relief Valve - Item 12	P6000-EC13

Aquaflush Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 4-9, 12, 13, 15-17, 26	P6000-ECR-WS-RK P6000-ECR-WS1-RK P6000-EUR-WS-RK P6000-EUR-WS1-RK

Handle Assembly and Repair Kits	Product No.
ADA Handle Assembly (Side) Includes Items 2-9	P6000-M-ADA
Handle Repair Kit (Side) Includes Items 4-9	P6000-MK
Handle Seal Includes Item 8	P6000-M9
Handle Gasket Includes Item 9	P6000-M10
Repair Kit for Front Operation - Exposed Includes Items 4-9	P6000-MHK
Handle Assembly (Front) Includes Items 2-9	P6000-MH

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4"	P6000-D-SD
Includes Items 30-36	
Seal Seat for 1" and 3/4", Includes Item 30	P6000-D42
VP Control Stop Repair Kit for 1" and 3/4"	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange	P6000-YB

Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve	P6000-J1
Includes Items 24-26	
Tailpiece Coupling Assembly Includes Items 25-27	P6000-K
Tailpiece Locking Ring Includes Item 25	P6000-C30
Tailpiece O-Ring Includes Item 26	P6000-C31
Coupling Nut Includes Item 27	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves Includes Items 15-19. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit Includes Items 15-17	P6000-B
Spud Coupling Assembly Includes Items 20-23. Specify size.	P6000-H

Aquaflush Trouble Shooting Guide

Problem	Cause*	Corrective Action*
Valve will not operate.	1.) Stop valve is closed. 2.) Supply valve is closed.	1.) Open stop valve. 2.) Open supply valve.
Insufficient volume of water to adequately siphon fixture.	1.) Stop valve is not open enough. 2.) Urinal trip mechanism installed in wrong kit, urinal for closet. 3.) Insufficient volume or pressure at supply.	1.) Open stop valve for desired volume of water. 2.) Replace urinal part with proper closet valve part. 3.) If gauges are not available to measure supply pressure or volume of water at the valve, completely remove the working parts and open the stop valve to allow water to pass through the empty valve. If the supply is adequate to siphon the fixture, the guide ring (#16) may be removed from the guide assembly to provide additional flow (see page 5). Should this prove unsatisfactory, steps should be taken to increase the pressure and/or supply.
Flush valve shuts off too quickly.	1.) Damaged or punctured diaphragm. 2.) Enlarged by-pass orifice.	1.) Install new P6000-EUR or P6000-ECR replacement kit to remedy the problem. (#12 thru #17) 2.) Install new P6000-EUR or P6000-ECR replacement kit to remedy the problem. (#12 thru #17)
Valve is short flushing.	1.) Diaphragm kit is not matched to the fixture. 2.) Urinal trip mechanism (black #12) is in the closet flush valve.	1.) Install the proper P6000-EUR or P6000-ECR replacement kit to remedy the problem. (#12 thru #17) 2.) Install closet trip mechanism (white #12).
Valve is flushing too long or not shutting off.	1.) Trip mechanism not seating properly due to foreign material between trip mechanism and retainer disc. 2.) By-pass orifice is plugged or partially plugged. 3.) Line pressure is not adequate to force trip mechanism to seal. 4.) Cracked cover. (#11)	1.) Disassemble parts and rinse thoroughly. 2.) Examine by-pass orifice and clean if necessary being certain not to enlarge orifice opening. 3.) Pressure is inadequate or has dropped below minimum operating range. Steps should be taken to increase the line pressure. 4.) Replace cover with new one.
Water splashes out of fixture.	1.) Supply volume is more than is necessary. 2.) Lime accumulation on vortex or spreader holes of fixture.	1.) Adjust downward on control stop. 2.) Remove the lime build up.
Flush is not considered quiet.	1.) Control stop may not be adjusted for quiet operation. 2.) Fixture may be contributing to noise. 3.) Piping system may be source of noise.	1.) Adjust the control stop for quiet operation keeping in mind the fixture evacuation requirements. 2.) Check noise created by fixture by placing a cover over the bowl opening to separate valve noise from bowl noise. If it is determined the fixture is too noisy consult with fixture manufacturer. 3.) High pressure in the system can sometimes be controlled by the stop valve. Other sources of noise may be the absence of air chambers and shock arrestors, loose pipes, improper size pipes, etc. In these cases the building engineer should be consulted.
Handle assembly leaking.	1.) Handle assembly is not tight.	1.) Tighten handle assembly.

Care of Chrome-Plated Surfaces

The suggested cleaning of chrome-plated surfaces is simply to clean them with mild soap and water, then dry. Commercial cleaning compounds are never recommended.

Seasonal Use

Valves used in installations subject to shut down because of cold and freezing conditions should be maintained in the following manner. After the main supply has been shut off and the water drained from the system, remove the stop valve cap and stop valve internals to allow the water to drain from the flush valve itself.

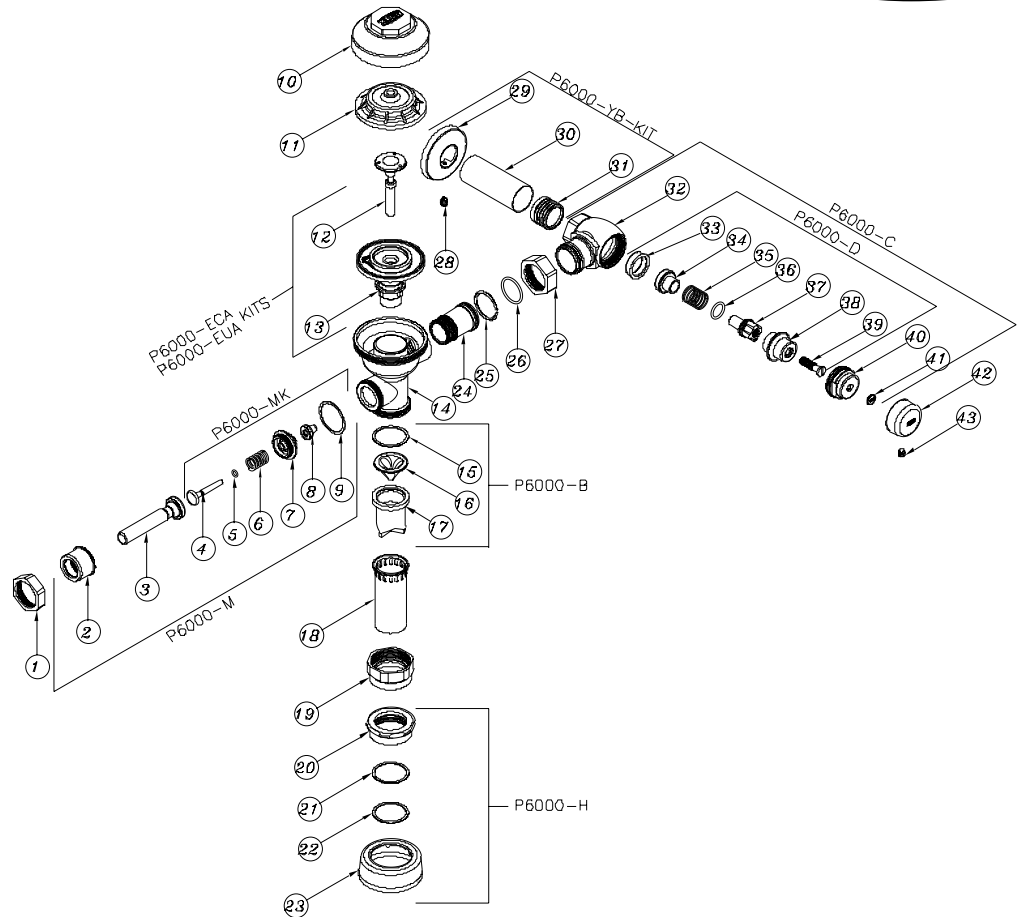
*See previous page for numerical references.

AquaVantage™ Repair Kits



Parts Identification

1. Handle Nut
2. Handle Sleeve and Insert
3. Low Force/ADA Compliant Handle
4. Actuator Rod
5. Handle O-Ring
6. Handle Spring
7. Handle Retainer
8. Handle Seal
9. Gasket
10. Valve Body Cover
11. Plastic Cover
12. Trip Mechanism
13. Diaphragm Repair Kit
14. Valve Body
15. Vacuum Breaker Friction Washer
16. Vacuum Breaker Insert
17. Vacuum Breaker Duckbill
18. Vacuum Breaker Tube
19. Vacuum Breaker Tube Nut
20. Spud Nut
21. Spud Friction Washer
22. Spud Sleeve
23. Spud Escutcheon
24. Tailpiece
25. Snap Ring
26. Tailpiece O-Ring
27. Locking Nut
28. Setscrew for Cast Wall Flange
29. Cast Wall Escutcheon
30. Supply Cover Tube
31. Sweat Solder Adapter
32. Stop Body
33. Piston Seal
34. Piston
35. Stop Spring
36. Guide O-Ring
37. Piston Guide
38. Guide Holder
39. Adjusting Screw
40. Stop Cap
41. Snap Cap Screw Cover
42. Vandal-Resistant Control Stop Cover
43. Setscrew for Control Stop Cover



Covers and Repair Kits	Product No.
Outside Cover - CP - Item 10	P6000-LL
Inside Cover - Item 11	P6000-L
Low Consumption Closet Kit - 1.6 gal. flush	P6000-ECA-WS1
Water Saving Closet Kit - 3.5 gal. flush	P6000-ECA-WS
Full Flow Closet Kit - 4.5 gal. flush	P6000-ECA-FF
Low Consumption Urinal Kit - 1.0 gal. flush	P6000-EUA-WS1
Water Saving Urinal Kit - 1.5 gal. flush	P6000-EUA-WS
Full Flow Urinal Kit - 3.0 gal. flush	P6000-EUA-FF
Repair Parts - Inside Parts	Product No.
Urinal Relief Valve - Item 12	P6000-EU13
Closet Relief Valve - Item 12	P6000-EC13
AquaVantage Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 4-9, 12, 13, 15-17, 26	P6000-ECA-WS-RK P6000-ECA-WS1-RK P6000-EUA-WS-RK P6000-EUA-WS1-RK
Handle Assembly and Repair Kits	Product No.
ADA Handle Assembly (Side) Includes Items 2-9	P6000-M-ADA
Handle Repair Kit (Side) Includes Items 4-9	P6000-MK
Handle Seal Includes Item 8	P6000-M9
Handle Gasket Includes Item 9	P6000-M10
Repair Kit for Front Operation - Exposed Includes Items 4-9	P6000-MHK
Handle Assembly (Front) Includes Items 2-9	P6000-MH

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-SD
Seal Seat for 1" and 3/4", Includes Item 33	P6000-D42
VP Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange Includes Items 29-31	P6000-YB
Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve Includes Items 24-26	P6000-J1
Tailpiece Coupling Assembly Includes Items 25-27	P6000-K
Tailpiece Locking Ring Includes Item 25	P6000-C30
Tailpiece O-Ring Includes Item 26	P6000-C31
Coupling Nut Includes Item 27	P6000-C32
Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves Includes Items 15-19. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit Includes Items 15-17	P6000-B
Spud Coupling Assembly Includes Items 20-23. Specify size.	P6000-H

AquaVantage™ Trouble Shooting Guide

Problem	Cause*	Corrective Action*
Valve will not operate.	1.) Stop valve is closed. 2.) Supply valve is closed.	1.) Open stop valve. 2.) Open supply valve.
Insufficient volume of water to adequately siphon fixture.	1.) Stop valve is not open enough. 2.) Urinal trip mechanism installed in wrong kit, urinal for closet. 3.) Insufficient volume or pressure at supply.	1.) Open stop valve for desired volume of water. 2.) Replace urinal part with proper closet valve part. 3.) If gauges are not available to measure supply pressure or volume of water at the valve, completely remove the working parts and open the stop valve to allow water to pass through the empty valve. If the supply is adequate to siphon the fixture, the guide ring (#17) may be removed from the guide assembly to provide additional flow. Should this prove unsatisfactory, steps should be taken to increase the pressure and/or supply.
Flush valve shuts off too quickly.	1.) Damaged or punctured diaphragm.	1.) Install new P6000-EUA or P6000-ECA replacement kit to remedy the problem. (#12 and #13)
Valve is short flushing.	1.) Diaphragm kit is not matched to the fixture. 2.) Urinal trip mechanism (black #12) is in the closet flush valve.	1.) Install the proper P6000-EUA or P6000-ECA replacement kit to remedy the problem. (#12 and #13) 2.) Install closet trip mechanism (white #12).
Valve is flushing too long or not shutting off.	1.) Trip mechanism not seating properly due to foreign material between trip mechanism and retainer disc. 2.) By-pass orifice is plugged or partially plugged. 3.) Line pressure is not adequate to force trip mechanism to seal. 4.) Cracked cover. (#11)	1.) Disassemble parts and rinse thoroughly. 2.) Examine by-pass orifice and clean if necessary being certain not to enlarge orifice opening. 3.) Pressure is inadequate or has dropped below minimum operating range. Steps should be taken to increase the line pressure. 4.) Replace cover with new one.
Water splashes out of fixture.	1.) Supply volume is more than is necessary. 2.) Lime accumulation on vortex or spreader holes of fixture.	1.) Adjust downward on control stop. 2.) Remove the lime build up.
Flush is not considered quiet.	1.) Control stop may not be adjusted for quiet operation. 2.) Fixture may be contributing to noise. 3.) Piping system may be source of noise.	1.) Adjust the control stop for quiet operation keeping in mind the fixture evacuation requirements. 2.) Check noise created by fixture by placing a cover over the bowl opening to separate valve noise from bowl noise. If it is determined the fixture is too noisy consult with fixture manufacturer. 3.) High pressure in the system can sometimes be controlled by the stop valve. Other sources of noise may be the absence of air chambers and shock arrestors, loose pipes, improper size pipes, etc. In these cases the building engineer should be consulted.
Handle assembly leaking.	1.) Handle assembly is not tight.	1.) Tighten handle assembly.
Water drips from chrome cap.	1.) P6000-L inside plastic cap is cracked.	1.) Replace P6000-L plastic cap.

Care of Chrome Plated Surfaces

The suggested cleaning of chrome plated surfaces is simply to clean them with mild soap and water, then dry. Commercial cleaning compounds are never recommended.

Seasonal Use

Valves used in installations subject to shut down because of cold and freezing conditions should be maintained in the following manner. After the main supply has been shut off and the water drained from the system, remove the stop valve cap and stop valve internals to allow the water to drain from the flush valve itself.

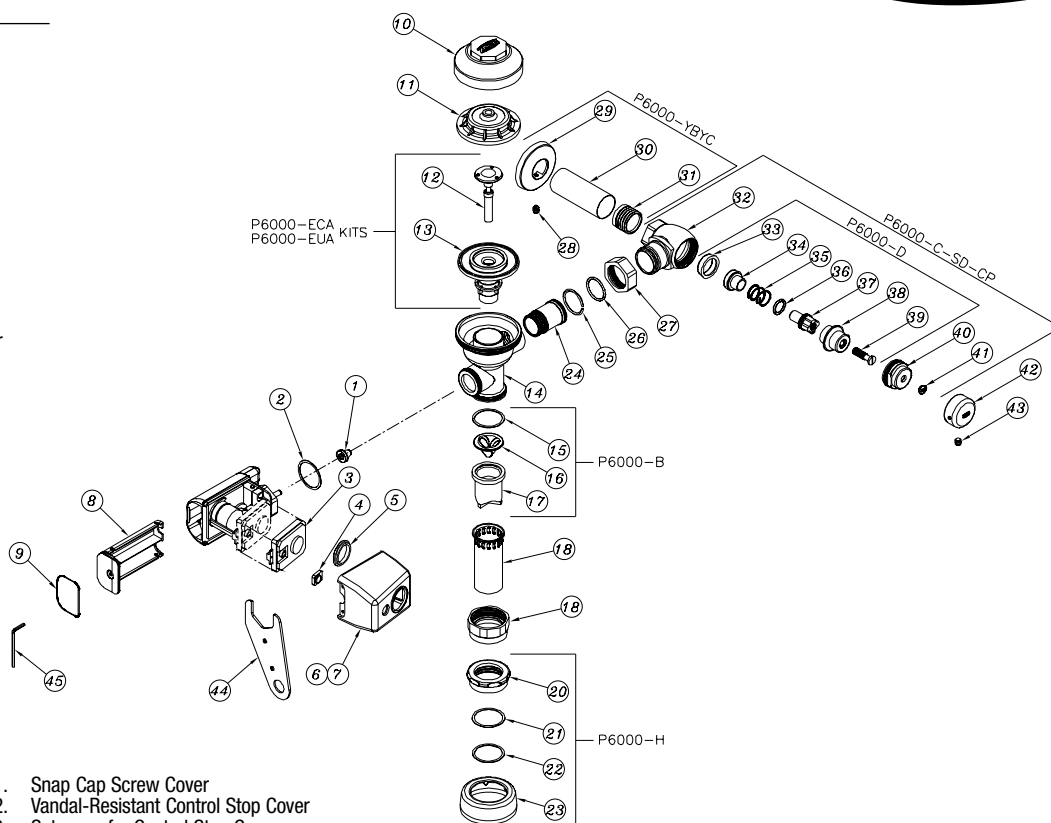
*See previous page for numerical references.

AquaVantage® Exposed E-Z Flush Repair Kits



Parts Identification

- 1.* Seal
- 2.* Collar Gasket
3. Sensor Module
- 4.* Manual Override Push Button
5. Replacement Sensor Lens
6. Chrome Plastic Cover
7. Chrome Metal Cover
8. Battery Drawer
- 9.* O-Ring
10. Valve Body Cover
11. Plastic Cover
12. Trip Mechanism
13. Diaphragm Repair Kit
14. Valve Body
15. Vacuum Breaker Friction Washer
16. Vacuum Breaker Insert
17. Vacuum Breaker Duckbill
18. Vacuum Breaker Tube
19. Vacuum Breaker Tube Nut
20. Spud Nut
21. Spud Friction Washer
22. Spud Sleeve
23. Spud Escutcheon
24. Tailpiece
25. Snap Ring
26. Tailpiece O-Ring
27. Locking Nut
28. Setscrew for Cast Wall Flange
29. Cast Wall Escutcheon
30. Supply Cover Tube
31. Sweat Solder Adaptor
32. Stop Body
33. Piston Seal
34. Piston
35. Stop Spring
36. Guide O-Ring
37. Piston Guide
38. Guide Holder
39. Adjusting Screw
40. Stop Cap
41. Snap Cap Screw Cover
42. Vandal-Resistant Control Stop Cover
43. Setscrew for Control Stop Cover
44. Handle Nut Wrench
45. Allen Wrench



Covers and Repair Kits	Product No.
Outside Cover - CP – Item 10	P6000-LL-CP
Inside Cover – Item 11	P6000-L
Low Consumption Closet Kit – 1.6 gal. flush	P6000-ECA-WS1
Water Saving Closet Kit – 3.5 gal. flush	P6000-ECA-WS
Full Flow Closet Kit – 4.5 gal. flush	P6000-ECA-FF
Low Consumption Urinal Kit – 1.0 gal. flush	P6000-EUA-WS1
Water Saving Urinal Kit – 1.5 gal. flush	P6000-EUA-WS
Full Flush Urinal Kit – 3.0 gal. flush	P6000-EUA-FF

Repair Parts – Inside Parts	Product No.
Urinal Relief Valve – Item 12	P6000-EU13
Closet Relief Valve – Item 12	P6000-EC13

AquaVantage Rebuild Kits	Product No.
Closet and Urinal Rebuild Kits Include Items 12, 13, 15-17, 26	P6000-ECA-WS-RK P6000-ECA-WS1-RK P6000-EUA-WS-RK P6000-EUA-WS1-RK

Handle Assembly and Repair Kits	Product No.
Chrome Plastic Cover – Item 6	PERK6000-L-CPCR
Chrome Metal Cover – Item 7	PERK6000-L-CPMCR
Replacement Sensor Lens – Item 5	PERK6000-SCR
Battery Drawer – Item 8	PERK6000-BD
*Repair Kit Includes Item 1, Item 2, Item 4 and Item 9	PERK6000-RK
Sensor Module	PERK6000-SR

Control Stop Repair Kit and Parts	Product No.
Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-SD
Seal Seat for 1" and 3/4", Includes Item 33	P6000-D42
VP Control Stop Repair Kit for 1" and 3/4", Includes Items 33-39	P6000-D-VP
Sweat Solder Connection with Cast Wall Flange, Includes Items 29-31	P6000-YBYC

Adjustable Tailpieces	Product No.
Adjustable Tailpiece for Standard Flush Valve, Includes Items 24-26	P6000-J1
Tailpiece Coupling Assembly, Includes Items 25-27	P6000-K
Tailpiece Locking Ring, Includes Item 25	P6000-C30
Tailpiece O-Ring, Includes Item 26	P6000-C31
Coupling Nut, Includes Item 27	P6000-C32

Flush Connections and Spud Coupling Kits	Product No.
Flush Tube Assembly for Flush Valves, Includes Items 15-19. Specify diameter and length.	P6000-A
Vacuum Breaker Repair Kit, Includes Items 15-17	P6000-B
Spud Coupling Assembly, Includes Items 20-23. Specify size.	P6000-H

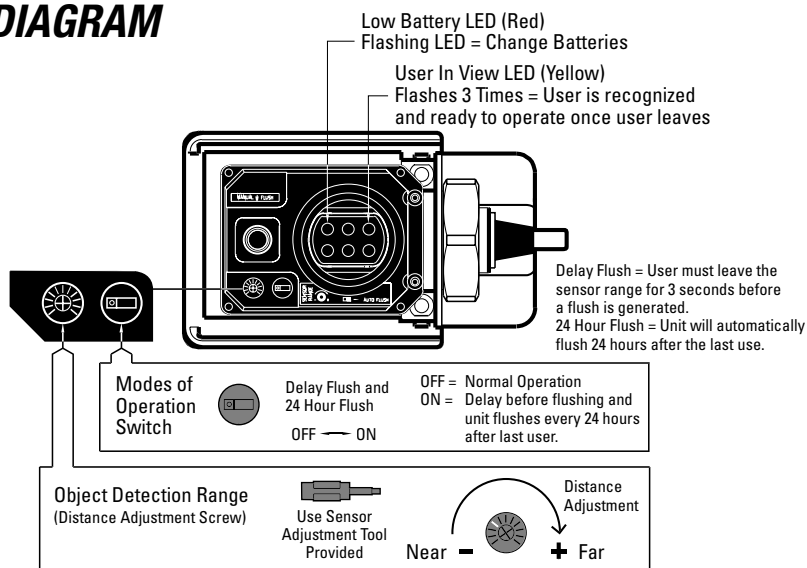
TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
Yellow L.E.D. light flashes 3 times when there are no users.	Front of sensor is covered or sensor is set too far out, registering the opposite wall or door as a user.	Remove item covering sensor or adjust sensor activation distance. (See 11 – “Adjusting the E-Z Flush.”)
Yellow L.E.D. light flashes continuously when sensor is activated by a user.	E-Z Flush unit is in 10-minute start-up mode (when first activated).	Yellow L.E.D. light will flash only 3 times, acknowledging a user is in view after the 10-minute start-up mode.
Red L.E.D. light flashes.	Batteries need replacing.	Replace batteries.
Not enough water to fixture or too much water to fixture.	Diaphragm damaged or valve control stop improperly adjusted.	Replace diaphragm and/or adjust valve control stop.
Valve will not operate.	Sensor range set too close to E-Z Flush, batteries are dead, or water supply is turned off.	Adjust sensor, replace batteries, or turn water on. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.
Valve does not shut off.	Dirt or debris preventing diaphragm from functioning properly.	Remove dirt or debris, check by-pass hole in diaphragm.
Valve does not flush even after sensor has been adjusted.	Batteries are dead.	Replace batteries. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.



ZERK-CP Chrome-Plated Cover Automatic Sensor Retrofit Kit For Urinals and Toilets

WIRING DIAGRAM



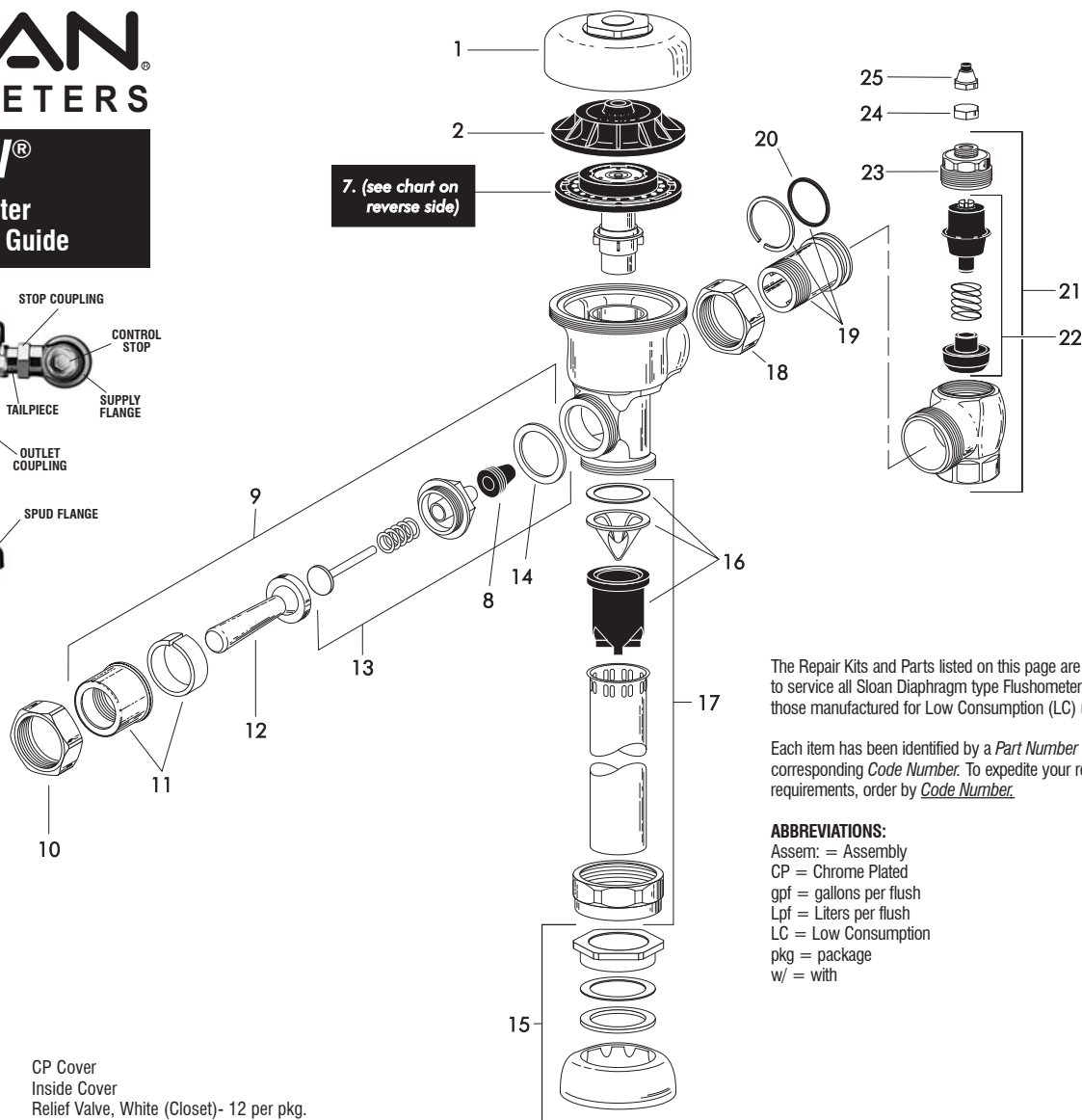
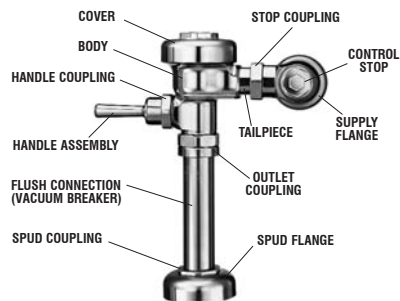
TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION TO PROBLEM
Yellow L.E.D. light flashes 3 times when there are no users.	Front of sensor is covered or sensor is set too far out, registering the opposite wall or door as a user.	Remove item covering sensor or adjust sensor activation distance. (See Step 7 – “To Change Sensor Activation Distance.”)
Yellow L.E.D. light flashes continuously when sensor is activated by a user.	E-Z Flush unit is in 10-minute start-up mode (when first activated).	Yellow L.E.D. light will flash only 3 times, acknowledging a user is in view after the 10-minute start-up mode.
Red L.E.D. light flashes.	Batteries need replacing.	Replace batteries.
Not enough water to fixture or too much water to fixture.	Diaphragm damaged or valve control stop improperly adjusted.	Replace diaphragm and/or adjust valve control stop.
Valve will not operate.	Sensor range set too close to E-Z Flush, batteries are dead, or water supply is turned off.	Adjust sensor, replace batteries, or turn water on. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.
Valve does not shut off.	Dirt or debris preventing diaphragm from functioning properly.	Remove dirt or debris, consult valve manufacturer's directions.
Valve does not flush even after sensor has been adjusted.	Batteries are dead.	Replace batteries. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.

ZURN INDUSTRIES, INC. COMMERCIAL BRASS OPERATION
5900 ELWIN BUCHANAN DRIVE, SANFORD, NC, U.S.A. 27330 PHONE: 1-800-997-3876 FAX: 919/775-3541 WEBSITE: www.zurn.com
ZURN INDUSTRIES LIMITED 3544 NASHUA DRIVE, MISSISSAUGA, ONTARIO L4V 1L2 PHONE: 905/405-8272 FAX: 905/405-1292

SLOAN® FLUSHOMETERS

Regal® Flushometer Maintenance Guide



The Repair Kits and Parts listed on this page are designed to service all Sloan Diaphragm type Flushometers, including those manufactured for Low Consumption (LC) usage.

Each item has been identified by a **Part Number** and a corresponding **Code Number**. To expedite your replacement requirements, order by **Code Number**.

ABBREVIATIONS:

Assem. = Assembly
CP = Chrome Plated
gpf = gallons per flush
Lpf = Liters per flush
LC = Low Consumption
pkg = package
w/ = with

PARTS LIST

1.	0317004	R-10	CP Cover
2.	0301168	A-71	Inside Cover
3A.	5301058	A-19-AC	Relief Valve, White (Closet)- 12 per pkg.
3B.	5301059	A-19-AU	Relief Valve, Black (Urinal)- 12 per pkg.
3C.	5301211	A-19-ALC	Relief Valve, Green (Closet/Urinal-LC)- 12 per pkg.
3D.	5301143	A-19-AL	Relief Valve, Blue (9 Liter Closet)- 12 per pkg.
4.	5301111	A-15-A	Disc - for all Inside Parts Kits - 12 per pkg.
5.	5301188	A-156-A	Diaphragm - for all Inside Parts Kits - 12 per pkg.
6A.	5301236	A-163-A	Guide Assem. 4.5 gpf/17.0 Lpf Closet & 1.5 gpf/5.7 Lpf Urinal -12 per pkg.
6B.	5301032	A-152-A	Guide Assem. 3.5 gpf/13.2 Lpf Closet - 12 per pkg.
6C.	5301031	A-151-A	Guide Assem. 1.6 gpf/6.0 Lpf LC Closet - 12 per pkg.
6D.	5301155	A-155-A	Guide Assem. 1.0 gpf/3.8 Lpf LC Urinal - 12 per pkg.
6E.	5301157	A-157-A	Guide Assem. 0.5 gpf/1.9 Lpf Urinal - 12 per pkg.
7.	SEE INSIDE PARTS CHART ON THE REVERSE SIDE		
8.	5302297	B-39	Seal - 12 per pkg.
9.	5302279	B-32-A	CP Handle Assem. - 6 per pkg.
	0302390	B-73	CP Handicap Handle Assem. (A.D.A. Compliant)
10.	0301082	A-6	CP Handle Coupling
11.	0302109	B-7-A	CP Socket Assem.
12.	5302274	B-32	CP Handle Grip - 12 per pkg.
	0302389	B-74-A	CP Handicap Handle Grip (A.D.A. Compliant)
13.	5302305	B-50-A	Handle Repair Kit - 6 per pkg.
14.	5301139	A-31	Handle Gasket - 48 per pkg.
15.	0306102	F-54-A	3/4" CP Spud Coupling Assem.
	0306142	F-55-A	1 1/4" CP Spud Coupling Assem.
	0306145	F-56-A	1 1/2" CP Spud Coupling Assem.
16.	3323192	V-551-A	Vacuum Breaker Repair Kit
17.	5323005	V-500-AA	3/4" x 9" CP Vacuum Breaker - 6 per pkg.
	5323006	V-500-AA	1 1/4" x 9" CP Vacuum Breaker - 6 per pkg.
	5323007	V-500-AA	1 1/2" x 9" CP Vacuum Breaker - 6 per pkg.
18.	0308676	H-550	CP Stop Coupling
19.	0308801	H-551-A	CP Adjustable Tailpiece 21/16" long
20.	5308696	H-553	O-Ring - 24 per pkg.

21.	0388029	H-740-A	1" Screwdriver Bak-Chek® Stop CP - complete
	0388031	H-740-A	3/4" Screwdriver Bak-Chek® Stop CP - complete
22.	3308853	H-541-A	1" Control Stop Repair Kit *
	3308856	H-543-A	3/4" Control Stop Repair Kit **
23.	0308991	H-639	CP Bonnet *
	0308601	H-538	CP Bonnet **
24.	5308156	H-37	CP Cap - 6 per pkg.
25.	5310034	J-2/J-7	Bumper Assem. - 6 per pkg.

* for use with H-740 1" & 3/4" and H-540-A 1" Screwdriver Bak-Chek® Control Stops

** for use with H-540-A 3/4" Screwdriver Bak-Chek® Control Stops

MASTER FLUSHOMETER REBUILDING KITS

Includes Items 7-13-16 & 20		
CODE NO.	KIT NO.	DESCRIPTION
3317001	R-1001-A	Rebuild Kit (4.5 gpf/17.0 Lpf) Closet/Service Sink
3317002	R-1002-A	Rebuild Kit (1.5 gpf/5.7 Lpf) Urinal
3317003	R-1003-A	Rebuild Kit (3.5 gpf/13.2 Lpf) Closet
3317004	R-1004-A	Rebuild Kit (1.6 gpf/6.0 Lpf) Closet
3317005	R-1005-A	Rebuild Kit (1.0 gpf/3.8 Lpf) LC Urinal
3317011	R-1011-A	Rebuild Kit (0.5 gpf/1.9 Lpf) Urinal
3317012	R-1012-A	Rebuild Kit (2.4 gpf/9.0 Lpf) Closet
WASHER SET		
3301089	A-156-AA	Washer Set - Includes: 4, 5, 8 & 14

The information contained in this document is subject to change without notice.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • <http://www.sloanvalve.com>

Troubleshooting and Maintaining the Sloan Regal® Flushometer

1. PROBLEM: Flushometer does not function.

- CAUSE:** (a.) Control Stop or Main Valve is closed.
(b.) Handle Assembly is worn.
(c.) Relief Valve is worn.

- SOLUTION:** (a.) Open Control Stop or Main Valve.
(b.) Install Sloan Handle Repair Kit (B-50-A) or replace handle.
(c.) Replace Inside Parts Kit.

2. PROBLEM: Insufficient volume of water to adequately siphon fixture.

- CAUSE:** (a.) Control Stop not open enough.
(b.) Urinal Flushometer Parts inside a Closet Flushometer.
(c.) Low Consumption Flushometer installed on a non-Low Consumption fixture.
(d.) Water Saver Kit installed in old, non-Water Saver bowl.
(e.) Inadequate volume or pressure at supply.

- SOLUTION:** (a.) Adjust Control Stop for desired delivery of water.
(b.) Replace Inside Urinal Parts with proper Closet Flushometer Parts.
(c.) Replace A-41-A Inside Parts Kit with A-38-A Water Saver Kit.
(d.) Position Refill Head A-170 so that SIDE 1 is in the UP Position.
(e.) If no gauges are available to properly measure supply pressure or volume of water at the Flushometer, then remove the Relief Valve from the Inside Parts Kit, reassemble the Flushometer and open the Control Stop.
• If the fixture siphons, more water volume is required. If a 3.5 gpf Inside Parts Kit is installed in the Flushometer, then first flip the Refill Head (under the Diaphragm) to obtain a 4.5 gpf volume. If this volume is still inadequate, remove the Flow Ring from the Guide to obtain a 6.5 gpf Kit. If additional flow is still required, try a Low Pressure Guide Kit A-175-A (# 0301104). **IMPORTANT: Laws and Regulations requiring Low Consumption Fixtures (1.6 gpf Water Closets and 1.0 gpf Urinals) prohibit the use of higher flushing volumes.**
• If fixture does not siphon or if a Low Consumption fixture is installed, or if the above steps do not prove satisfactory, steps must be taken to increase the pressure and/or supply.

3. PROBLEM: Flushometer closes off immediately.

- CAUSE:** (a.) Ruptured or damaged Diaphragm.
(b.) Enlarged By-Pass orifice from corrosion or damage.

- SOLUTION:** Install Inside Parts Kit to correct above problems and update Flushometer.

4. PROBLEM: Length of flush is too short (Short Flushing).

- CAUSE:** (a.) Diaphragm Assembly and Guide Assembly are not hand-tight.
(b.) Enlarged By-pass orifice from corrosion or damage.
(c.) A-19-AU (Black) Urinal Relief Valve in Closet Flushometer.
(d.) A-41-A Low Consumption Kit installed in non-Low Consumption fixture.
(e.) Handle Assembly is worn.

- SOLUTION:** (a.) Screw the two assemblies hand-tight.
(b.) Install NEW Inside Parts Kit to correct problem and update Flushometer.
(c.) Replace Relief Valve with A-19-AC (White) Closet Relief Valve.
(d.) Replace with proper Inside Parts Kit.
(e.) Install Handle Repair Kit B-50-A or replace the Handle.

5. PROBLEM: Length of flush is too long (Long Flushing) or fails to close off.

- CAUSE:** (a.) Relief Valve (A-19-A) is not seating properly or Bypass orifice is clogged because of foreign material, or Bypass orifice is closed by an invisible gelatinous film from "over-treated" water.
(b.) Line pressure has dropped and is not sufficient to force Relief Valve to seat.
(c.) A-19-AC (White) Closet Relief Valve has been used in a 1 or 1 1/2 gpf Urinal.
(d.) Inside Cover is cracked or damaged.

- SOLUTION:** (a.) Disassemble the working parts and wash thoroughly.
NOTE: SIZE OF ORIFICE IN THE BY-PASS IS OF UTMOST IMPORTANCE FOR PROPER METERING OF WATER INTO THE UPPER CHAMBER OF THE FLUSHOMETER. DO NOT ENLARGE OR DAMAGE THIS ORIFICE. REPLACE INSIDE KIT IF CLEANING DOES NOT CORRECT PROBLEM.
(b.) Shut off all control stops until pressure has been restored, then open them again.
(c.) Replace with A-19-AU (Black) Relief Valve.
(d.) Replace the Inside Cover (A-71).

6. PROBLEM: Chattering noise in Flushometer.

- CAUSE:** (a.) The A-156-A Segment Diaphragm has been installed upside-down.
(b.) The Inside Cover has been distorted from wear, freezing or abuse.

- SOLUTION:** (a.) Replace the Segment Diaphragm to the proper position as instructed by markings on the Diaphragm.
(b.) Replace Inside Cover.

7. PROBLEM: Leaking at Handle Assembly.

- CAUSE:** (a.) The B-39 Seal is worn or deteriorated.
(b.) Handle gasket has been omitted.
(c.) Valve Handle Bushing is worn.

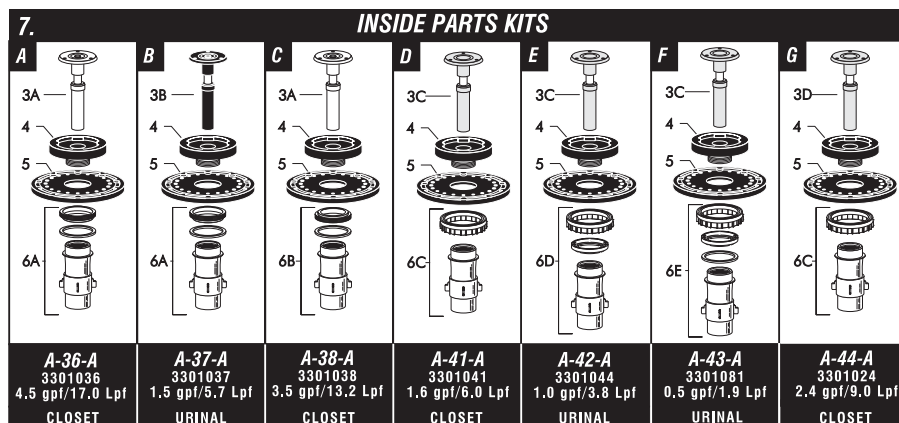
- SOLUTION:** (a.) Install new B-39 Seal. **NOTE: The B-39 Seal will easily slide right onto the B-40 Bushing if it is wet.**
(b.) Install A-31 Handle Gasket or Sloan Handle Repair Kit (B-50-A).
(c.) Install Sloan Handle Repair Kit (B-50-A).

CARE AND CLEANING INSTRUCTIONS

DO NOT use abrasive or chemical cleaners to clean Flushometers, they may dull the luster and attack the chrome or special decorative finishes. Use ONLY soap and water, then wipe dry with a clean towel or cloth.

While cleaning the bathroom tile, the Flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

If further assistance is required, please contact the Sloan Valve Company Installation Engineering Dept. at 1-888-SLOAN-14.

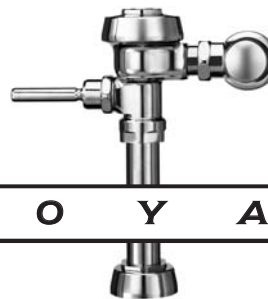


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SLOAN® FLUSHOMETERS

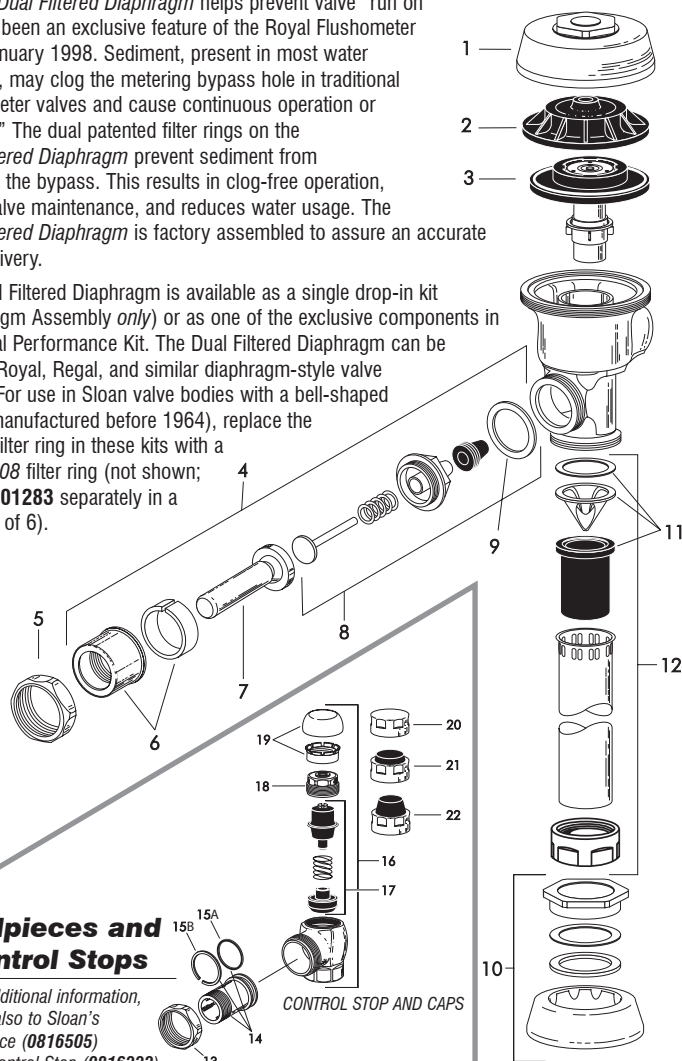
Maintenance Guide



The Dual Filtered Diaphragm™

Sloan's *Dual Filtered Diaphragm* helps prevent valve "run on" and has been an exclusive feature of the Royal Flushometer since January 1998. Sediment, present in most water supplies, may clog the metering bypass hole in traditional Flushometer valves and cause continuous operation or "run on." The dual patented filter rings on the *Dual Filtered Diaphragm* prevent sediment from reaching the bypass. This results in clog-free operation, eases valve maintenance, and reduces water usage. The *Dual Filtered Diaphragm* is factory assembled to assure an accurate flush delivery.

The Dual Filtered Diaphragm is available as a single drop-in kit (Diaphragm Assembly *only*) or as one of the exclusive components in the Royal Performance Kit. The Dual Filtered Diaphragm can be used in Royal, Regal, and similar diaphragm-style valve bodies. For use in Sloan valve bodies with a bell-shaped cover (manufactured before 1964), replace the bottom filter ring in these kits with a blue A-108 filter ring (not shown; order **5301283** separately in a package of 6).



Tailpieces and Control Stops

For additional information, refer also to Sloan's Tailpiece (**0816505**) and Control Stop (**0816333**) Maintenance Guides.

CONTROL STOP AND CAPS

TAILPIECE

Parts List — Royal Flushometer Valve

Item	Code No.	Part No.	Description
1	0301172	A-72	CP Cover
2	0301168	A-71	Inside Cover
3	see below	—	Dual Filtered Diaphragm Assembly (refer to table and diagram below)
4	0302390	B-73-A	CP ADA-Compliant Triple Seal Handle Assembly
5	0301082	A-6	CP Handle Coupling
6	0302109	B-7-A	CP Socket Assembly
7	0302389	B-74-A	CP ADA-Compliant Handle
8	3302306	B-51-A	Triple Seal Handle Repair Kit
9	5301139	A-31	Handle Gasket (package of 48)
10	0306125	F-5-A	3/4" (19 mm) CP Spud Coupling Assembly
	0306140	F-5-A	1-1/4" (32 mm) CP Spud Coupling Assembly
	0306146	F-5-A	1-1/2" (38 mm) CP Spud Coupling Assembly
11	3323182	V-651-A	High Back Pressure Vacuum Breaker Repair Kit
12	3393004	V-600-AA	3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker
	3393006	V-600-AA	1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker
	3393007	V-600-AA	1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker
13	0308676	H-550	CP Stop Coupling
14	0308801	H-551-A	CP Adjustable Tailpiece (2-1/16"/52 mm long)
15A	5308696	H-553	O-Ring (package of 24)
15B	5308381	H-552	Locking Ring (package of 12)
16	3308386	H-700-A	1" (25 mm) CP Bak-Chek® Screwdriver Stop
	3308384	H-700-A	3/4" (19 mm) CP Bak-Chek® Screwdriver Stop
17	3308853	H-541-A	Control Stop Repair Kit †
	3308856	H-543-A	Control Stop Repair Kit ‡
18	0308612	H-622	CP Bonnet †
	0308843	H-577	CP Bonnet ‡
19	3308772	H-1010-A	Vandal Resistant Control Stop Cap Assembly †
	3308790	H-1009-A	Vandal Resistant Control Stop Cap Assembly ‡
20	0308840	H-573	Control Stop Cap CP †
	0308848	H-582	Control Stop Cap CP ‡
21	3308866	H-574	Control Stop Cap with Bumper † (-YO Variation)
22	3308867	H-576	Control Stop Cap with Extended Bumper † (-YG Variation)

† Use with H-700-A (1"/25 mm and 3/4"/19 mm) and H-600-A (1"/25 mm) Bak-Chek® Screwdriver Control Stops.

‡ Use with H-600-A (3/4"/19 mm) Bak-Chek® Screwdriver Control Stops.

Sloan products are also available in Polished Brass, Lustre Gold, and Satin finishes — contact our Customer Service staff for code numbers. If you have any questions about installation, maintenance, or troubleshooting issues, call our Installation Engineering staff at 1-888-SLOAN-14.

NOTE: Each item is identified by a **Part Number** and a **Code Number**. Expedite processing by using our **Code Number**. Parts shown service all Sloan diaphragm-type Flushometers manufactured after 1964, including Low Consumption (LC) models.

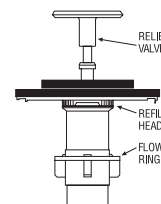
ITEM 3: Dual Filtered Diaphragm™ Assembly ••• Available in DIAPHRAGM ONLY and ROYAL Performance™ Kits

ROYAL Performance™ KIT includes Dual Filtered Diaphragm Assembly (Item 3), Handle Repair Kit with Triple Seal Packing (Item 8), High Back Pressure Vacuum Breaker Repair Kit (Item 11), and one Tailpiece O-Ring (Item 15). **DIAPHRAGM ONLY KIT** contains "drop-in" Dual Filtered Diaphragm Assembly (Item 3) ONLY.

Performance KIT			DIAPHRAGM ONLY KIT						
	Code No.	Kit No.	Code No.	Kit No.	Flush Volume	Use With	Relief Valve \$	Refill Head ■	Flow Ring
A	3301070	A-1101-A	3301502	A-1041-A	1.6 gpf (6.0 Lpf)	Low Consumption Water Closets	Green	Gray	Smooth
B	3301071	A-1102-A	3301501	A-1038-A	3.5 gpf (13.2 Lpf)	Water Saver Water Closets	White	Gray	Smooth
C	3301072	A-1103-A	3301505	A-1044-A	2.4 gpf (9.0 Lpf)	9 Liter European Water Closets	Blue	Gray	Smooth
D	3301073	A-1106-A	3301504	A-1043-A	0.5 gpf (1.9 Lpf)	Wash Down Urinals	Green	Black	Smooth & Slotted
E	3301074	A-1107-A	3301503	A-1042-A	1.0 gpf (3.8 Lpf)	Low Consumption Urinals	Green	Black	Slotted
F	3301075	A-1108-A	3301500	A-1037-A	1.5 gpf (5.7 Lpf)	Water Saver Urinals	Black	Black	Smooth

§ Consult Sloan Valve Company for availability of replacement plastic Relief Valves (Green, Black, Blue, and White) and brass Relief Valves.

NOTE: For older water closets that require 4.5 gpf (17.0 Lpf), choose kits shown on line B, but remove the Flow Ring before use. For blowout-style urinals that require 3.5 gpf (3.2 Lpf), choose kits shown on line B. For service sinks that require 6.5 gpf (24.6 Lpf), order **A-36-A** diaphragm repair kit (**3301036**; not shown above) and remove the Flow Ring before use. Regulations for Low Consumption fixtures prohibit the use of higher flush volumes.



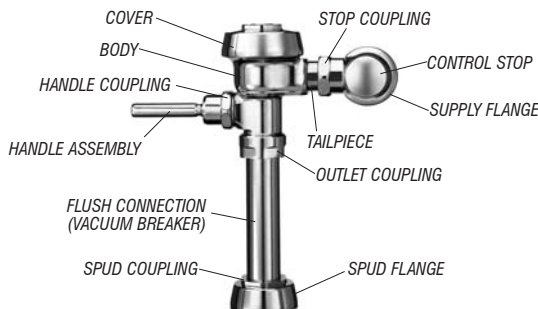
The colors of the Relief Valve and the Refill Head plus the shape of Flow Ring identify the Flush Volume of a DUAL FILTERED DIAPHRAGM ASSEMBLY.

■ Closet Refill Heads (Gray) have larger slots than Urinal Refill Heads (Black).

NOTE: In January 1998, the Royal Diaphragm design was upgraded to a preassembled unit with two (2) plastic filtering rings attached to the rubber diaphragm (one on top and one on bottom). If the Flushometer you are servicing has our older, segmented diaphragm with brass bypass hole, refer to our Regal Maintenance Guide (0816185) for additional troubleshooting information.

Troubleshooting Guide

ATTENTION INSTALLERS: With the exception of the Control Stop inlet, DO NOT USE pipe sealant or plumbing grease on any valve component or coupling! To protect the chrome or special finish of Sloan Flushometers, DO NOT USE toothed tools to install or service these valves. Use our Sloan A-50 "Super-Wrench"™ or other smooth-jawed wrench to secure couplings. Regulations for Low Consumption fixtures (1.6 gpf/6.0 Lpf closets and 1.0 gpf/3.8 Lpf urinals) prohibit use of higher flush volumes.



1. **PROBLEM:** Flushometer does not function (no flush).
CAUSE: Control Stop or main supply valve is closed.
SOLUTION: Open Control Stop or main supply valve.
CAUSE: Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
CAUSE: Relief Valve is damaged.
SOLUTION: Replace Relief Valve.
2. **PROBLEM:** Handle leaks.
CAUSE: Handle Seal or Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
3. **PROBLEM:** Water splashes from fixture.
CAUSE: Control Stop is open wider than necessary.
SOLUTION: Adjust Control Stop for desired delivery of water volume.
CAUSE: Water Saver/Conventional Diaphragm Assembly is installed on Low Consumption fixture or Closet Diaphragm Assembly is installed on Urinal fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
4. **PROBLEM:** Volume of water is insufficient to adequately siphon fixture.
CAUSE: Control Stop is not open wide enough.
SOLUTION: Adjust Control Stop for desired delivery of water volume.
CAUSE: Diaphragm Assembly is damaged.
SOLUTION: Replace Diaphragm Assembly.
CAUSE: Low Consumption Diaphragm Assembly is installed on Water Saver/Conventional fixture or Urinal Diaphragm Assembly is installed on Closet fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
CAUSE: Inadequate water volume or pressure is available from supply.
SOLUTION: Increase flow rate or pressure to the valve. If gauges are not available to measure supply pressure/volume, remove Relief Valve from Diaphragm Assembly and open the Control Stop.
If the fixture siphons: Additional water volume is required. Install higher flushing volume Relief Valve or Diaphragm Assembly or cut Flow Ring from Guide.
If the fixture DOES NOT siphon (or a Low Consumption flush is required): Additional steps must be taken to increase the water pressure and/or volume at the water supply. Contact fixture manufacturer for minimum supply requirements of fixture.

5. **PROBLEM:** Flushometer valve closes immediately (short flush).
CAUSE: Worn or damaged Diaphragm Assembly.
SOLUTION: Replace Diaphragm Assembly.
CAUSE: Handle Assembly is damaged.
SOLUTION: Replace B-73-A Handle or repair with B-51-A Handle Repair Kit.
CAUSE: Low Consumption Diaphragm Assembly is installed on Water Saver/Conventional fixture or Urinal Diaphragm Assembly is installed on Closet fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
6. **PROBLEM:** Length of flush is too long (long flush) or fails to shut off.
CAUSE: Bypass hole (upper filter ring) of Diaphragm Assembly is dirty.
SOLUTION: Remove the Diaphragm Assembly. Disassemble the filter rings from the Diaphragm, wash under running water, and reassemble. Replace as necessary.
CAUSE: Relief Valve or Diaphragm Assembly is damaged.
SOLUTION: Replace Relief Valve or Diaphragm Assembly.
CAUSE: Water Saver/Conventional Diaphragm Assembly is installed on Low Consumption fixture or Closet Diaphragm Assembly is installed on Urinal fixture.
SOLUTION: Determine the required flush volume (see label on valve or markings on fixture). Replace Diaphragm Assembly or Relief Valve for appropriate flush volume of fixture.
CAUSE: Inside Cover is damaged.
SOLUTION: Install new A-71 Inside Cover.
CAUSE: Line water pressure dropped and is insufficient to close valve.
SOLUTION: Close the Control Stop until pressure is restored.
CAUSE: Relief Valve is not seated properly.
SOLUTION: Disassemble Diaphragm components (Relief Valve, Filter Rings, and Diaphragm unit), wash under running water, and reassemble. Replace as necessary.
7. **PROBLEM:** Chattering noise is heard during flush.
CAUSE: Inside Cover is damaged.
SOLUTION: Install new A-71 Inside Cover.
CAUSE: Relief Valve or Diaphragm Assembly is damaged.
SOLUTION: Replace Relief Valve or Diaphragm Assembly.

Care and Cleaning Instructions

DO NOT USE abrasive or chemical cleaners to clean Flushometers that may dull the luster and attack the chrome or decorative finish. Use ONLY soap and water, then wipe dry with a clean towel or cloth. When cleaning the bathroom tile, protect the Flushometer from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

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 If further assistance is required, please contact Sloan Valve Company Installation Engineering Department at

1-888-SLOAN-14 (1-888-756-2614).

LIMITED WARRANTY

Sloan Valve Company warrants its Flushometer Products to be made of first class materials, free from defects of material or workmanship under normal use and to perform the service for which they are intended in a thoroughly reliable and efficient manner when properly installed and serviced for a period of 3 years (1 year for special finishes) from date of purchase. During this period, Sloan Valve Company will, at its option, repair or replace any part or parts which prove to be thus defective if returned to Sloan Valve Company, at customer's cost, and this shall be the sole remedy available under this warranty. No claims will be allowed for labor, transportation or other incidental costs. This warranty extends only to those persons or organizations who purchase Sloan Valve Company's products directly from Sloan Valve Company for purpose of resale.

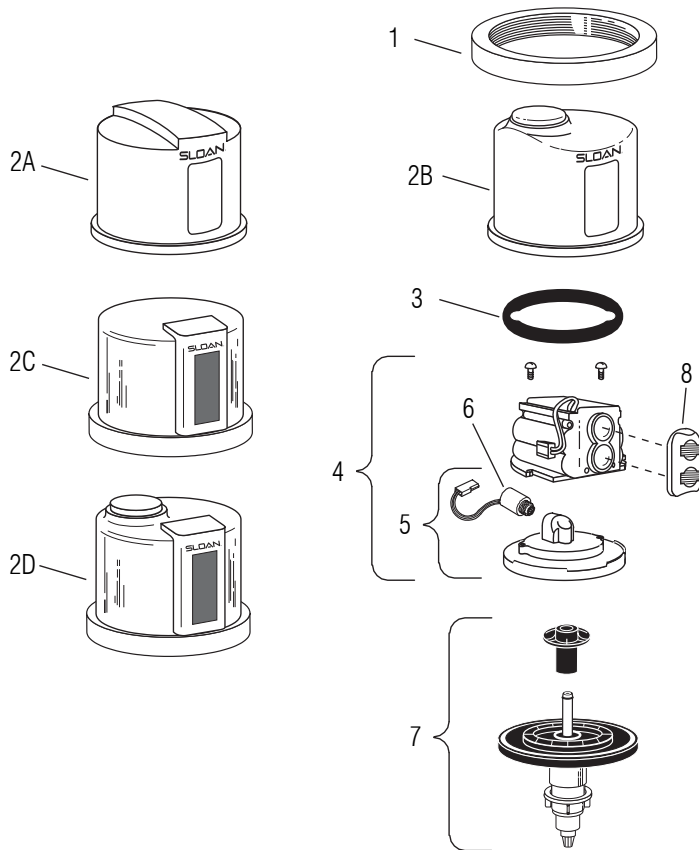
THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO EVENT IS SLOAN VALVE COMPANY RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY MEASURE WHATSOEVER.

The information contained in this document is subject to change without notice.

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**For all Optima Plus produced from 1992 - 2003
And Regal Pro Optima Plus produced after May, 2003**



SENSOR MODULE COMPONENT PARTS

Item No.	Code No.	Part No.	Description
1.	0325804	EBV-14	Locking Ring
	3325524	EBV-31-A	Locking Ring for Zurn Valve Bodies
2A.	0325806	EBV-11	Cover (Urinal)
2B.	3325538	EBV-38-A	Cover w/Override Button (Water Closet)
2C.	3325012	EBV-55-A	Metal Cover Assembly (Urinal)
	3325017	EBV-1034-A	Metal Cover Assembly for Zurn Valve Body (Urinal)
2D.	3325013	EBV-60-A	Metal Cover Assembly with Override Button (Water Closet)
	3325016	EBV-1033-A	Metal Cover Assembly w/Override Button for Zurn Valve Body (Water Closet)
3.	5325011	EBV-67	Cover Gasket — 12 per package
4.	SEE CHART BELOW — ELECTRONIC MODULE		
5.	0325814	EBV-21-A	Inside Cover Assembly (Includes Solenoid)
6.	3325462	EBV-144-A	Isolated Solenoid Operator †
7.	SEE CHART on PAGE 3 — Flex Tube Diaphragm Kit		
8.	3325537	EBV-46-A	Beam Deflector ‡

† The new EBV-144-A Isolated Solenoid replaces the Solenoid used with the old style Black EBV-26-A Modules only.

For Blue EBV-146-A G2 Modules, use the EBV-136-A (code #3325453) Isolated Solenoid Operator.

Refer to Page 4 for instructions regarding Solenoid replacement.

‡ Beam deflectors are for use on Black, old style Modules. They are not required (and will not work) on Blue G2 Modules.

ELECTRONIC MODULE ASSEMBLY CHART

The electronic and optical improvements of the G2 OPTIMA Plus have been incorporated into the Electronic Modules for use with older OPTIMA Plus products.

Optima Plus Modules can be identified by color.

Old style Modules are Black and have a wire that runs along the side of the unit.

G2 Modules are Blue and have a wire only on the back of the unit.



There are now only two Electronic Module Assembly variations for use with older OPTIMA Plus valves:

- EBV-146-A-U Urinal
- EBV-146-A-C Water Closet

This chart cross references the part numbers and code numbers of our new Electronic Modules over from our old Module numbers.

The EBV-146-A Modules include the Isolated Solenoid, Inner Cover and Electronic Module.

These Modules are for use with older OPTIMA Plus and Regal Pro OPTIMA Plus Valves only. Consult Maintenance & Repair Guide #0816456 for G2 OPTIMA Plus Electronic Modules.

Description	USE		TO REPLACE	
	New Part No.	Code No.	Old Part No.	Code No.
Electronic Module — 0.5 gpf/1.9 Lpf Urinal	EBV-146-A-U	0325177	EBV-26-A-U-0.5	3325039
Electronic Module — 1.0 gpf/3.8 Lpf Urinal			EBV-26-A-U-1.0	3325540
Electronic Module — 1.5 gpf/5.7 Lpf Urinal			EBV-26-A-U-1.5	3325541
Electronic Module — 3.5 gpf/13.2 Lpf Urinal			EBV-26-A-U-3.5	3325543
Electronic Module — 1.6 gpf/6.0 Lpf Closet	EBV-146-A-C	0325176	EBV-26-A-C-1.6	3325542
Electronic Module — 2.4 gpf/9.0 Lpf Closet			EBV-26-A-C-2.4	3325643
Electronic Module — 3.5 gpf/13.2 Lpf Closet			EBV-26-A-C-3.5	3325544
Electronic Module — 4.5 gpf/17.0 Lpf Closet			EBV-26-A-C-4.5	3325545

Note: EBV-26-A Modules are no longer available. Use the EBV-146-A Module shown.

DIAPHRAGM INSIDE PARTS KITS

FLEX TUBE DIAPHRAGM ASSEMBLY

In early 2003 Sloan introduced the Flex Tube Diaphragm kit into the OPTIMA Plus. This design completely replaced the old OPTIMA Plus Diaphragm Kit that featured the metal shaft with the Quad Ring. This change further improved the reliability of the OPTIMA Plus as it replaced a wearable dynamic seal (the Quad Ring) with a non-moving static O-ring seal.

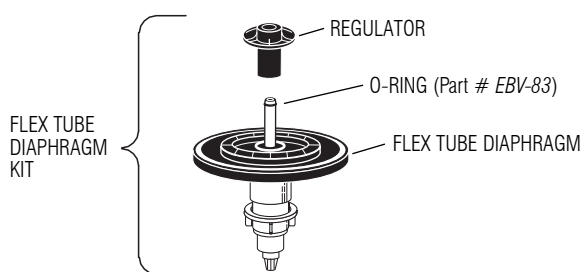
The Flex Tube Diaphragm Kit also features Sloan's exclusive Dual Filter Diaphragm. The Dual Filter Diaphragm helps to protect the valve from water bourn sediment that can cause the valve to stick open and run on. The Dual Filter diaphragm is also made from Sloan's Permax Synthetic Rubber material for resistance against chloramines and other water treatment chemicals.



FLEX TUBE DIAPHRAGM INSIDE PARTS KIT (INTRODUCED FEB., 2003)

The Flex Tube Diaphragm can be used to replace all generations of Sloan OPTIMA Plus Diaphragm Kits. The same Flex Tube Diaphragm kits are used in the G2 OPTIMA Plus valve.

FLEX TUBE DIAPHRAGM KITS



5325056 EBV-83 O-ring — 6 per package

APPLICATION	USE			TO REPLACE	
	FLEX TUBE DIAPHRAGM KIT †			DIAPHRAGM KIT W/ QUAD RING (OBSOLETE)	
	KIT NO.	COLOR ♦	CODE NO.	KIT NO.	CODE NO.
URINAL-0.5 gpf/1.9 Lpf	EBV-1023-A	GREEN	3325003	EBV-32-A-U-0.5	3325038
URINAL-1.0 gpf/3.8 Lpf ‡	EBV-1022-A	GREEN	3325000	EBV-32-A-U-1.0	3325851
URINAL-1.5 gpf/5.7 Lpf	EBV-1022-A	BLACK	3325000	EBV-32-A-U-1.5	3325818
URINAL-3.5 gpf/13.2 Lpf	EBV-1020-A	WHITE	3325001	EBV-10-A-U-3.5	3325841
CLOSET-1.6 gpf/6.0 Lpf	EBV-1020-A	GREEN	3325001	EBV-10-A-C-1.6	3325850
CLOSET-2.4 gpf/9.0 Lpf	EBV-1021-A	BLUE	3325014	EBV-10-A-C-2.4	3325033
CLOSET-3.5 gpf/13.2 Lpf	EBV-1020-A	WHITE	3325001	EBV-10-A-C-3.5	3325841
CLOSET-4.5 gpf/17.0 Lpf §	EBV-1020-A	WHITE	3325001	EBV-10-A-C-4.5	3325842

† The EBV-1020-A and EBV-1022-A Kits are supplied with multiple Regulators.

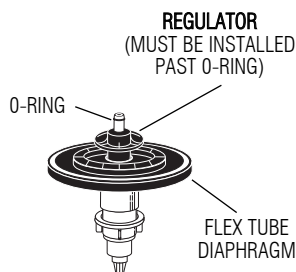
‡ A 0.5 gpf (1.9 Lpf) Urinal kit can be converted to a 1.0 gpf (3.8 Lpf) by cutting and removing the smooth A-164 Flow Ring from the Guide.

§ For a 4.5 gpf (17.0 Lpf) Water Closet flush, use the EBV-1020-A Kit with the White Regulator, and cut and remove the A-164 Flow Ring from the Guide.

♦ Color of Regulator to be used with Flex Tube Diaphragm to obtain the listed flush volume.

REGULATORS

The flush volume of the Flex Tube Diaphragm Kit is control by the Regulator. Regulators are identified by color. Some Flex Tube Diaphragm Kits are supplied with multiple Regulators. The installer must make sure the proper regulator is used when installing the Flex Tube Diaphragm Kit.



REGULATOR (Sold 6 per package)

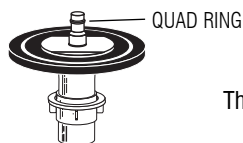
FLUSH VOLUME AND FIXTURE	REGULATOR COLOR	PART NO.	CODE NO
URINAL-0.5 gpf/1.9 Lpf	GREEN	EBV-95	5325122
URINAL-1.0 gpf/3.8 Lpf	GREEN	EBV-95	5325122
URINAL-1.5 gpf/5.7 Lpf	BLACK	EBV-102-2	5325129
URINAL-3.5 gpf/13.2 Lpf	WHITE	EBV-102-1	5325130
CLOSET-1.6 gpf/6.0 Lpf	GREEN	EBV-95	5325122
CLOSET-3.5 gpf/13.2 Lpf	WHITE	EBV-102-1	5325130
CLOSET-2.4 gpf/9.0 Lpf	BLUE	EBV-101	5325128

The EBV-1020-A and EBV-1022-A Kits are supplied with multiple Flush Volume Regulators. The Installer must use the correct Regulator when installing the kit.

OLD STYLE DIAPHRAGM INSIDE PARTS



OLD STYLE KITS ARE OBSOLETE. SEE CHART FOR REPLACEMENT.



The EBV-18 Quad Ring is still available.

5325813 EBV-18 Quad Ring — 12 per package

ADJUSTING THE OLD STYLE INSIDE DIAPHRAGM ASSEMBLY

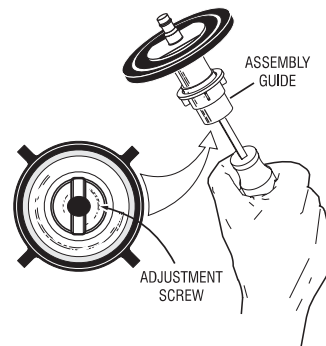
The Inside Diaphragm Assembly was set at the factory to ensure an accurate flush cycle over a range of water pressures.

If adjustment is required, remove the Inside Diaphragm Assembly and turn it upside down. Inside the Assembly Guide is an Adjustment Screw. Insert a slotted screwdriver and turn the Adjustment Screw according to the Conversion Guidelines.

Turning the Adjustment Screw clockwise \odot **DECREASES** the flush volume.

Turning the Adjustment Screw counterclockwise \odot **INCREASES** the flush volume.

For full adjustment procedures, see OPTIMA Plus Conversion Guide #0816511.



**For all Optima Plus produced from 1992 - 2003
And Regal Pro Optima Plus produced after May, 2003**

OTHER VALVE COMPONENT PARTS

Item No.	Code No.	Part No.	Description
9.	3325814	EBV-1017-A	Handle Cap — Metal
10.	3325815	EBV-1018-A	Handle Cap — Decorative
11.	3323182	V-651-A	Vacuum Breaker Repair Kit
12.	0393004	V-600-A	¾" (19 mm) x 9" (229 mm) CP Vacuum Breaker
	0393006	V-600-A	1¼" (32 mm) x 9" (229 mm) CP Vacuum Breaker
	0393007	V-600-A	1½" (38 mm) x 9" (229 mm) CP Vacuum Breaker
13.	0306125	F-5-A	¾" (19 mm) CP Spud Coupling
	0306140	F-5-A	1¼" (32 mm) CP Spud Coupling
	0306146	F-5-A	1½" (38 mm) CP Spud Coupling
14.	0308676	H-550	CP Stop Coupling
15.	0308801	H-551-A	CP Adjustable Tailpiece 2-1/16" (52 mm) long
16.	5308696	H-553	O-ring — 24 per package
17.	3308386	H-700-A	1" (25 mm) Screwdriver Bak-Chek® Stop CP — complete
	3308384	H-700-A	¾" (19 mm) Screwdriver Bak-Chek® Stop CP — complete
18.	3308853	H-541-A	Control Stop Repair Kit †
	3308856	H-543-A	Control Stop Repair Kit ‡
19.	0308612	H-622	CP Bonnet †
	0308843	H-577	CP Bonnet ‡
20.	3308791	H-1010-A	Vandal Resistant Control Stop Cap Assembly †
	3308790	H-1009-A	Vandal Resistant Control Stop Cap Assembly ‡
21.	3325816	EBV-1019-A	¾" (19 mm) Decorative Stop Cap
	3308866	H-574	1" (25 mm) Decorative Stop Cap

Accessories

22.	0325107	EBV-91	Trimpot Adjustment Screwdriver
23.	0325823	EBV-22	Disposable Strap Wrench

† For use w/H-700-A 1" & ¾" and H-600-A 1" Screwdriver Bak-Chek® Control Stops.

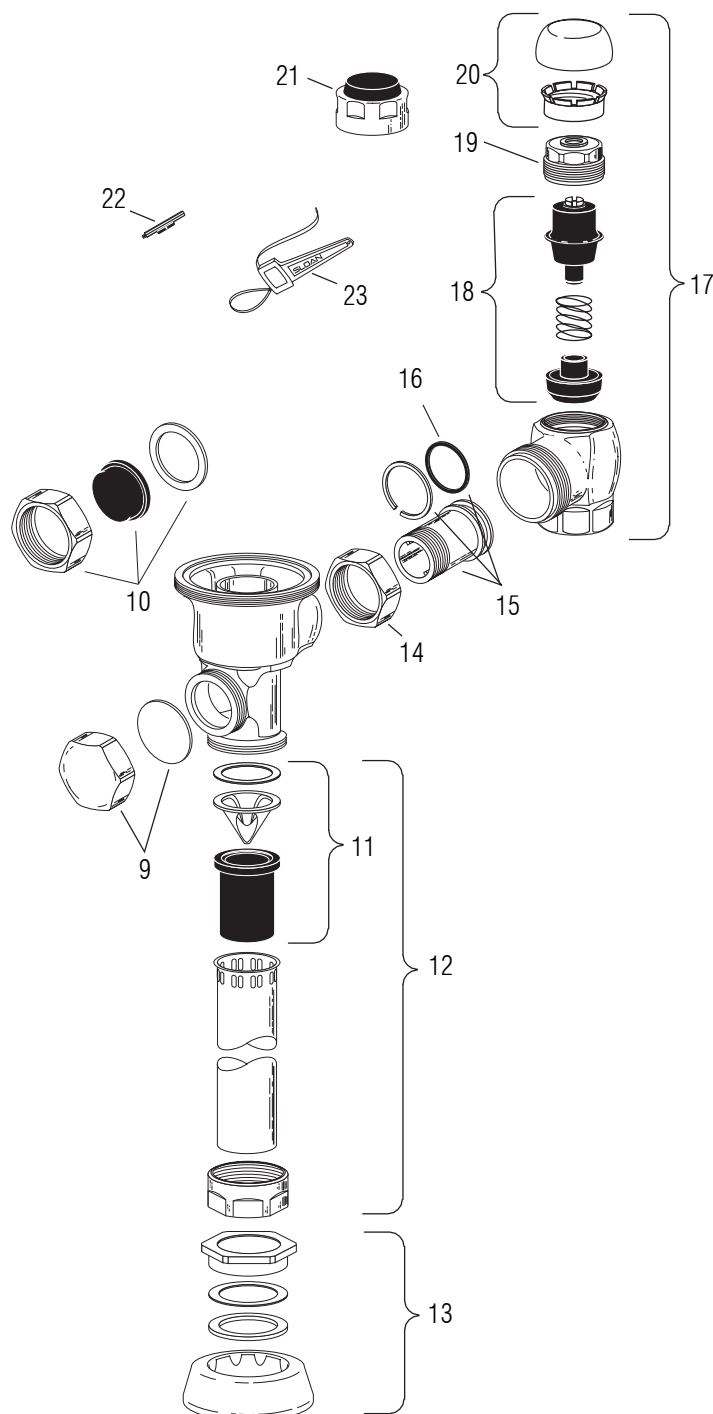
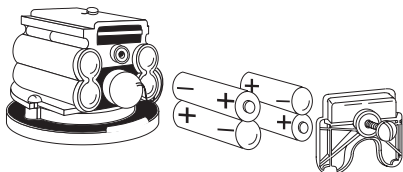
‡ For use w/H-600-A ¾" Screwdriver Bak-Chek® Control Stops.

Battery Replacement

When OPTIMA Plus has approximately 4,000 flushes left, the same red light that appears at start-up will flash four (4) times quickly whenever an object is detected. When this occurs, we recommend changing the batteries.

Separate Locking Ring, Cover and Flex Tube Diaphragm from Electronic Sensor Module.

Loosen Retaining Screw on Battery Compartment Door and remove Battery Compartment Door. Install four (4) Alkaline, AA Batteries **exactly** as illustrated. Install Battery Compartment Door and secure with Retaining Screw. Make certain that Battery Compartment Door is fully compressed against Gasket to provide a seal; Do Not overtighten.



FOR USE WITH SLOAN'S ORIGINAL OPTIMA PLUS FLUSHOMETER PRODUCED FROM 1992 - 2003

Troubleshooting and Maintaining the Sloan OPTIMA Plus Flushometer

I. Sensor Flashes Continuously Only When User Steps Within Range.

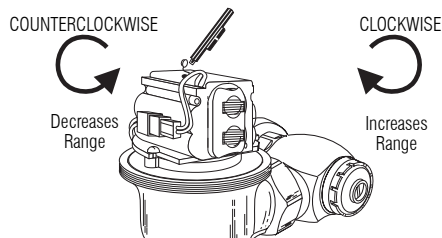
- A. Unit in Start-Up mode; no problem. This feature is active for the first 10 minutes of operation.

II. Valve Does Not Flush; Sensor Not Picking Up User.

- A. Range too short; increase the range.
B. OPTIMA Plus installed on a high rough-in fixture (beam is shooting over the user's head). Install the Sloan EBV-46-A Beam Deflector (black modules only).

III. Valve Does Not Flush; Sensor Picking Up Opposite Wall or Surface, or Only Flushes When Someone Walks By. Red Light Flashes Continuously for First 10 Minutes Even with No One in Front of the Sensor.

- A. Range too long; shorten range.



- B. Sensor is picking up mirror or highly reflective wall or surface in front of fixture. Install OPTIMA Plus slightly "off-center" (2 to 5 degrees) to eliminate direct reflection off of mirror or opposite wall or surface.

IV. Valve Does Not Flush Even After Adjustment.

- A. Range Adjustment Potentiometer set at full "max" or full "min" setting. Readjust Potentiometer away from full "max" or "min" setting.
B. Batteries completely used up; replace batteries.
C. Problem with Electronic Sensor Module; replace Electronic Sensor Module.

V. Unit Flashes 4 Quick Times When User Steps Within Range.

- A. Batteries low; replace batteries.

VI. Valve Does Not Shut off.

- A. Bypass orifice in diaphragm is clogged with dirt or debris, or bypass is clogged by an invisible gelatinous film due to "over-treated" water. Remove Flex Tube Diaphragm and wash under running water.

Note: Size of orifice in the Bypass is of utmost importance for the proper metering of water by the valve. **DO NOT ENLARGE OR DAMAGE THIS ORIFICE.** Replace Flex Tube Diaphragm if cleaning does not correct the problem.

- B. Dirt or debris fouling Stem or Flex Tube Diaphragm. Remove Flex Tube Diaphragm and wash under running water.
C. Problem with Solenoid. If cleaning does not correct the problem, replace with new Isolated Solenoid Operator.

VII. Not Enough Water to Fixture.

- A. Wrong OPTIMA Plus Flex Tube Diaphragm installed; i.e., 1.0 gpf urinal installed on 3.5 gpf closet fixture. Replace with proper Diaphragm Assembly.

- B. Enlarged Bypass in Diaphragm. Replace with Flex Tube Diaphragm Kit.

- C. Control Stop not adjusted properly. Readjust Control Stop.

- D. Inadequate volume or pressure at supply. Increase water pressure or supply (flow) to valve. Consult factory for assistance.

VIII. Too Much Water to Fixture.

- A. Control Stop not adjusted properly. Readjust Control Stop.

- B. Wrong OPTIMA Plus Flex Tube Diaphragm installed; i.e., 3.0 gpf model installed on 1.0 or 1.5 gpf urinal fixture. Replace with proper OPTIMA Plus Diaphragm Assembly.

- C. Dirt in Diaphragm Bypass. Clean under running water or replace with new Flex Tube Diaphragm.

IX. Men's Room Closet Bowls Unflushed.

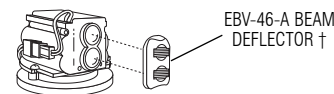
- A. Closet being used as urinal. Angle Sensor slightly off fixture centerline to detect standing person in front of fixture.

X. High Vacuum Breaker Installation (Model 8115/8116) — Unit Not Flushing.

- A. EBV-46-A Beam Deflector not installed. Install EBV-46-A Beam Deflector (black modules only) to divert Sensor beams.

XI. Elementary School Urinals Not Flushing.

- A. Unusually short users not being detected. Install EBV-46-A Beam Deflector (black modules only) to divert Sensor beams.



† **Note:** Use on Black Modules Only.

BATTERIES

When required, replace batteries with four (4) Alkaline Type AA batteries.

For information and instructions on field converting OPTIMA Plus Module settings or to activate the Stadium Flush™ Feature in urinal models, see the Sloan OPTIMA Plus Conversion Guide (0816511).

This manual and the OPTIMA Plus Repair and Maintenance Guide are available at www.sloanvalve.com

CARE AND CLEANING OF CHROME AND SPECIAL FINISHES

DO NOT use abrasive or chemical cleaners to clean Flushometers as they may dull the luster and attack the chrome or special decorative finishes. Use **ONLY** soap and water, then wipe dry with clean cloth or towel.

While cleaning the bathroom tile, the Flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

Refer to the OPTIMA Plus Flushometer Maintenance Guide for additional Troubleshooting and Repair Part information.

If further assistance is required, please contact the Sloan Valve Company Installation Engineering Department at 1-888-SLOAN-14 (1-888-756-2614).

Manufactured in the U.S.A. by Sloan Valve Company under one or more of the following patents: U.S. Patents: 4,893,039; 5,169,118; 5,244,179; 5,295,655; Des. 345,113; Des. 355,478. Other Patents Pending. BAK-CHEK®, PARA-FLO®, PERMEX®, TURBO-FLO®.

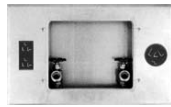
SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-9-VALVE-9 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • www.sloanvalve.com

Specialties & Drains

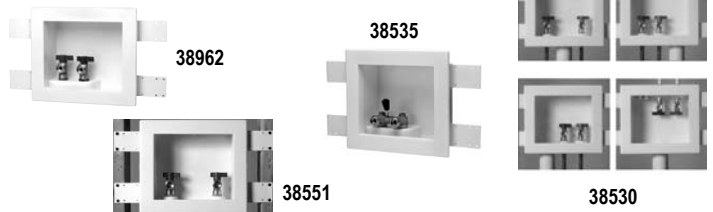
LAUNDRY ROOM EQUIPMENT

• Space Saver Washing Machine Supply And Drain W/Duplex Electric Grounding Receptacle And Dryer Outlet



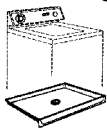
Model No.	Prod. No.	List Price
2" Drain—Size 9" x 14-3/4"		
BED-200	5700195	116.55
W/No Electrical Connections		
2" Drain—Size 9" x 10-3/4"		
B-200	5700175	86.30
2" PVC Drain—Size 9-1/4" x 14"		
T-200TP	5700205	63.95

Washing Machine Outlet Box



Model No.	Prod. No.	List Price
38962 – Offset Drain - 1/4 turn brass ball valves - Copper sweat	5715018	27.52
38934 – Center Drain - 1/4 turn brass ball valves - Copper sweat	5715021	26.66
Quadro Boxes		
38551 – 1/4 turn brass ball valves - Compression	5715000	28.00
38535 – Single lever ball valve - Copper sweat	5715022	42.24
38530 – 1/4 turn brass ball valves - Copper sweat	5715025	25.40
38540 – 1/4 turn brass hammer ball valves - Copper sweat	5715026	63.56

Washer Pan & Connector



- Drain: Center
- Color: White
- Size: 30"L x 32"W

Connector

Model No.	Prod. No.	List Price
Durapan—Fiberglass		
99	5716000	86.64

Model No.	Prod. No.	List Price
No-Burst Washing Machine Connector		
B9WM72—72"	4200130	11.78

ICE MAKER ACCESSORIES

Ice-Maker Kit



- Includes: 1/4" tubing, self piercing valve & brass fittings

Model No.	Prod. No.	List Price
Humidifier/Ice Maker Kits-		
Plastic W/25' Tubing	15518567	10.82

Ice Maker Outlet Box



Model No.	Prod. No.	List Price
1/2" PEX Crimp F1807 - W/Arrester		
Frame: 7-1/4"H x 5-3/4"W - 1/4 turn valve		
696-1010XF	3833000	31.01

Model No.	Prod. No.	List Price
Copper Sweat		
Frame: 8-1/8" x 8-1/8" - 1/4 turn valve		
38681	5715020	16.27

Accessories



Saddle Valve

Connector

Model No.	Prod. No.	List Price
Saddle Valve		
993-004 - Self Piercing	15518565	6.20

Model No.	Prod. No.	List Price
No-Burst Ice Maker Connector		
12IM60—60"	4200500	9.88
12IM84—84"	4200120	14.08

SHOWER DRAIN



JackRabbit Jacking Bolt Shower Drain

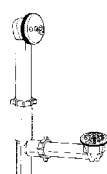


- 2" brass with SS strainer
- Unique design uses stainless steel "jacking bolts" and a pressure plate washer to create a seal – no need to wrench tighten the outer locknut

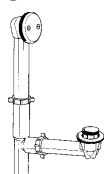
Model No.	Prod. No.	List Price
827-2J	1630050	31.35

BATH DRAINS

PVC Drains



64W



63W

- 1-1/2" O.D. White
- Polished Chrome

Model No.	Prod. No.	List Price
Triplever W/Strainer & Dome Grid		
64W	1609105	15.94
Foot Lok Stop		
63W	1609110	17.74



631PVC

621PVC

- 1-1/2" Sch 40 PVC
- Less pipe & tee

Model No.	Prod. No.	List Price
Foot Lok Stop		
631PVC – PC	1609115	16.98
Brass Lift 'N Turn - 2 Hole Plate		
621PVC – PC	1609185	16.00
621PVCDSBN – BN	1609186	38.00
Brass Lift 'N Turn - 1 Hole Plate		
652PVCORB – ORB	1609188	38.00

Cable Drain

- Less trim

■ GEBERIT

Model No.	Prod. No.	List Price
Whirlpool – Depth 17" - 22"		
151.504.00.1	4290005	58.50
Whirlpool – Depth 23" - 27"		
151.512.00.1	4290010	76.50
T/S – 12" - 16"		
151.501.00.1	4290015	54.00
Chrome Trim Kit		
151.550.21.1	4290020	45.00
Brushed Nickel Trim Kit		
151.551.ID.1	4290025	108.90

- 1-3/8" Waste & Overflow for leg tubs
- Polished Chrome

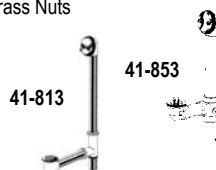
Model No.	Prod. No.	List Price
600SN	1601720	47.48

Drains, Tubular & Supplies

FINISHED
BRASS

BATH DRAINS

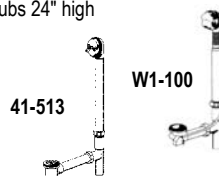
- Fits most tubs 24" high
- 18" Overflow Tube And 9" Shoe Tube
- For Roman Tubs
- 17 Gauge, Brass Nuts



GERBER

Model No.	Prod. No.	List Price
Trip Lever		
41-813-Chr.....	1335608	99.90
81-867-Pol Brass.....	1335640	143.51
Lift & Turn Drain		
41-853-Chr.....	1335610	91.22

- All-tub drain in tee
- Fits most tubs 24" high



GERBER

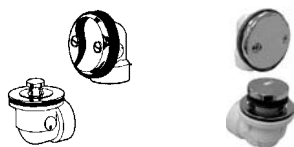
Model No.	Prod. No.	List Price
Trip Lever – Roman		
41-513-PVC Chr.....	1335607	51.18
Cable Drain – Pop-Up		
Polypropylene tubes with PVC tee		
W1-100-White.....	1335625	149.03



GERBER

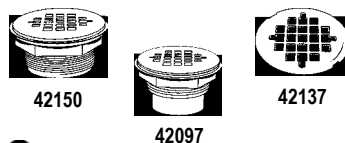
Model No.	Prod. No.	List Price
Trip Lever W/Pop-Up Drains		
Pop-Up Waste & Overflow W/Drain In Tee.		
81-827-Pol Brass.....	1335621	128.80
Trip Lever Drains "All Tub" Trip Lever Drain		
W/"Fit-All" Tee. Exposed Parts Chrome Plated.		
41-818-Chr Trip Lever ...	1335600	77.96
41-510-PVC.....	1335605	28.52

- Less tubing and tee
- PVC, two-hole faceplate



Model No.	Prod. No.	List Price
Gerber Lift & Turn Drain		
41-552-Chr.....	1335620	20.90

Model No.	Prod. No.	List Price
Jones Stephens Toe Pop-Up Drain		
B07-112-Chr.....	15514000	14.51



Oatey

Model No.	Prod. No.	List Price
Quick Caulk		
42150-2" Brass Dm/SS Grid..	1312500	18.18
42099-2" PVC Dm/SS Grid ...	1312510	9.47
Solvent Weld		
42097-2" PVC Dm/SS Grid ...	1312520	7.31
Shower Drain Grid—Polished Brass		
Used With 42150 Or 42099		
42137.....	1312610	16.28



B & K General Purpose Drain
Stainless Steel Grid. Convenient Dual Size Construction Fits 2" & 3" Schedule 40 Pipe, Has 4-1/4" Flange Diameter.

Model No.	Prod. No.	List Price
PGP-300.....	15510081	5.01

CLOSET, LAVATORY & SINK SUPPLIES

Supply Kits



BrassCraft.

Compression x Compression – Includes: Angle Valve, Riser, Escutcheon

Model No.	Prod. No.	List Price
Sink – 1/2" Nom. Comp. x 3/8" O.D. Comp. x 12" – Chrome		
OCR1912A C.....	4106126	30.99
SCR1912A C – w/Lock Shield & Loose Key.....	4106135	24.10
HCR1912AZ C – Heavy Pattern.....	4107200	63.60
HSCR1912 C – Heavy Pattern w/Lock Shield & Loose Key.....	4107210	71.50
Toilet – 1/2" Nom. Comp. x 3/8" O.D. Comp. x 12" – Chrome		
OCR1912DL C.....	4106526	15.81
SCR1912DL C – w/Lock Shield & Loose Key.....	4106136	14.82

Risers



BrassCraft.

Model No.	Prod. No.	List Price
Sink – 3/8" O.D.		
1-12A C – 12" Length – 1-piece w/insert – Chrome.....	4106270	3.58
1-20A C – 20" Length – 1-piece w/insert – Chrome.....	4106275	5.34
1-36A C – 36" Length – 1-piece w/insert – Chrome.....	4106280	13.23
1-20A R – 20" Length – 1-piece w/insert – Rough.....	4106276	4.78
1-12KC C – 12" Length – Compression – Chrome.....	4106285	7.19
1-20KC C – 20" Length – Compression – Chrome.....	4106290	10.99
Toilet – 3/8" O.D.		
1-12DL C – 12" Length – w/Gasket nosepiece – Chrome.....	4106530	4.36
1-20DL C – 20" Length – w/Gasket nosepiece – Chrome.....	4106540	7.47

PEX Risers



Oatey

Model No.	Prod. No.	List Price
Sink – 3/8" O.D.		
34310 – 12" Length.....	7814580	1.10
34312 – 20" Length.....	7814590	1.36
34314 – 36" Length.....	7814600	2.18
Toilet – 3/8" O.D.		
34315 – 12" Length.....	7814560	1.10
34317 – 20" Length.....	7814570	1.36

BrassCraft.

Model No.	Prod. No.	List Price
Chrome Plated Cover Tube		
For 1/2" Nom Tubing, 3-1/2" Lgth		
8489.....	4106550	5.73
Pol Brass Cover Tube		
For 1/2" Nom Tubing, 3-1/2" Lgth		
8489PH.....	4106555	23.12

1/4 Turn Stop



- 3/8" O.D. x 1/2" Nom Comp

BrassCraft.

Model No.	Prod. No.	List Price
Straight Stop		
KTCR14C.....	4106738	9.66
Angle Stop		
KTCR19C.....	4106739	9.30

Tubular & Supplies

LAVATORY/SINK STOPS & FTGS

BrassCraft®

Model No.	Prod. No.	List Price
STRAIGHT STOPS – CHROME PLATED		
Sweat x Compression		
R14 C-1/2" Nom x 3/8" O.D.	4106720	7.61
F.I.P. x Compression		
OR10 C-3/8" F.I.P. x 3/8" O.D.	4106660	7.34
OR12 C-1/2" F.I.P. x 3/8" O.D.	4106670	7.34
Compression x Compression		
OCR11 C-3/8" Nom x 3/8" O.D.	4106595	13.44
OCR14 C-1/2" Nom x 3/8" O.D.	4106736	5.50
1/4 Turn – Compression x Compression		
G2CR14 C-1/2" Nom x 3/8" O.D.	4106730	5.50
CPVC Solvent Weld Inlet – CPVC x Compression		
PR14 C-1/2" Nom x 3/8" O.D.	4106679	14.38
Barbed Inlet F/Pex Piping – Crimp Barb x Compression		
G2BRPX14C-1/2" Nom x 3/8" O.D.	4101000	10.47

Model No.	Prod. No.	List Price
ANGLE STOPS – CHROME PLATED		
Sweat x Compression		
R19 C-1/2" Nom x 3/8" O.D.	4106680	7.03
F.I.P. x Compression		
OR15 C-3/8" F.I.P. x 3/8" O.D.	4106630	6.99
OR17 C-1/2" F.I.P. x 3/8" O.D.	4106650	6.99
Compression x Compression		
OCR09 C-1/2" Nom x 1/4" O.D.	4106593	11.84
OCR19 C-1/2" Nom x 3/8" O.D.	4106737	5.12
OCR39 C-1/2" Nom x 1/2" O.D.	4106860	8.05
SCR19 C-1/2" Nom x 3/8" O.D., Loose Key.	4106734	8.82
1/4 Turn – Compression x Compression		
G2CR19 C-1/2" Nom x 3/8" O.D.	4106732	5.12
CPVC Solvent Weld Inlet – CPVC x Compression		
PR19 C-1/2" Nom x 3/8" O.D.	4106678	13.74
Barbed Inlet F/Pex Piping – Crimp Barb x Compression		
G2BRPX19C-1/2" Nom x 3/8" O.D.	4101005	9.88

Polished Brass Fittings



OCR14



OCR19

Model No.	Prod. No.	List Price
3/8" O.D. x 1/2" Nom Comp		
OCR19.....	4107160	28.80
3/8" O.D. x 1/2" Nom Comp		
OCR14.....	4107010	29.90

C.P. Compression Fittings



• 3/8" O.D.

Model No.	Prod. No.	List Price
11 - 3/8" M.I.P. Str.		
11 - 3/8" M.I.P. Str.	4106920	1.76
10 - Comp Nut		
10 - Comp Nut	4106870	0.45

ESCUTCHEON PLATES

Escutcheons



Shallow



Box

Model No.	Prod. No.	List Price
Sure Grip Shallow - IPS		
850PC-3/8" Chrome	1604020	0.24
851PC-1/2" Chrome	1604040	0.32
Sure Grip Shallow - Copper		
850CPC-1/2" Chrome	1604180	0.20
851CPC-3/4" Chrome	1604181	0.20
Sure Grip Deep - O.D.		
872PC-5/8" Chrome	1604280	1.32
858PC-1-1/4" Chrome	1604300	1.28
859PC-1-1/2" Chrome	1604320	1.20
Sure Grip Box - O.D.		
866PC-1-1/4" Chrome	1604182	1.90
867PC-1-1/2" Chrome	1604183	1.90

Split Ring Escutcheons



• Spring loaded

Model No.	Prod. No.	List Price
SS Floor & Ceiling Plates - IPS		
102-1 - 1"	1606489	3.02
102-1 1/4 - 1-1/4"	1606490	3.96
102-1 1/2 - 1-1/2"	1606491	4.40
102-2 - 2"	1606492	4.50
Floor & Ceiling Plates f/Copper Tube		
105-1/2 - 1/2"	1606494	2.76
105-3/4 - 3/4"	1606495	2.76
105-1 - 1"	1606496	3.02

CONNECTORS

Fluidmaster Inc.
The Most Popular Name in Toilet Care

Sioux Chief
MANUFACTURING COMPANY, INC.
A CHIEFTAIN COMPANY



B1T09

Model No.	Prod. No.	List Price
Closet		
B1T09-9"	4100230	3.76
B1T12-12"	4100210	4.34
Faucet		
B1F12-12"	4100240	4.36
B8F12-12"	4100250	5.34
B1F16-16"	4100225	5.84
B1F20-20"	4100220	6.10
B8F20-20"	4100260	8.16



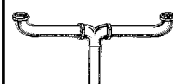
B148DW6D



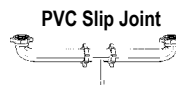
905

Model No.	Prod. No.	List Price
Dishwasher		
B1W48-48"	4100320	15.14
With Brass Elbow		
B148DW6D-48"	4107320	15.14
B6W60-60"	4200110	9.82
Dishwasher Drain Hose		
5/8" ID x 50' Coil		
905	1630400	45.99

LAVATORY/SINK CONTINUOUS WASTE & TRAPS

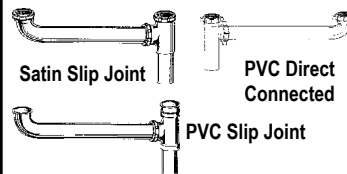


Satin Slip Joint



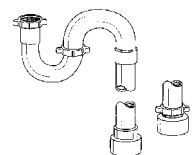
PVC Slip Joint

Center Outlet 1-1/2" x 16" Centers		
Model No.	Prod. No.	List Price
Slip Joint, Satin - 20 Gauge		
1568SN.....	1601080	40.38
Slip Joint, PVC		
130-16WUUK.....	1609080	3.96



End Outlet 1-1/2" x 16" Centers		
Model No.	Prod. No.	List Price
Slip Joint, Satin - 20 Gauge		
1815SN.....	1601000	30.82
Direct Connected, Satin - 20 Gauge		
1815ASN.....	1601140	30.02
Slip Joint, PVC		
125-16WUUK.....	1609060	3.68
Direct Connected, PVC		
125A-16WUUK.....	1609020	3.68

S Trap

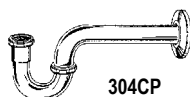


Model No.	Prod. No.	List Price
1-1/2" PVC, W/Thread Adapter		
700WUUK.....	1609045	5.40

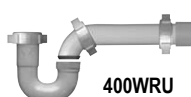
Tubular

LAVATORY/SINK CONTINUOUS WASTE & TRAPS

- Sinks
- 1-1/2"



304CP



400WRU

Model No.	Prod. No.	List Price
Brass - Less Cleanout		
304CP - 20 Gauge - Chrome Plated.....	1600030	15.06
305CP - 17 Gauge - Chrome Plated.....	1600300	16.30
Semi-Cast - With Cleanout		
5307PC - 17 Gauge - Polished Chrome.....	1600002	27.40
Plastic - w/Marvel Connector & TPR Washers		
400WRU - White.....	1609001	1.56
400TTWRU - White - Reversible J Bend.....	1609002	1.56

P Traps

- Lavatory
- 1-1/4"



5303PC

Model No.	Prod. No.	List Price
Brass - Less Cleanout		
300CP - 20 Gauge - Chrome Plated	1600010	12.66
301CP - 17 Gauge - Chrome Plated	1600060	14.78
Brass - With Cleanout		
303CP - 17 Gauge - Chrome Plated	1600440	25.64
Semi-Cast - With Cleanout		
5303PC - 17 Gauge - Polished Chrome.....	1600001	24.46
Plastic - White		
200W2	1608990	1.80

Bent Tube - S Trap

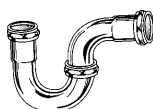


332CP

- 20 Gauge
- Less Cleanout
- Chrome Plated

Model No.	Prod. No.	List Price
1-1/2" x 20-1/2" Sink		
332CP	1600720	32.78
1-1/4" x 20-1/2" Lavatory		
324CP	1600600	23.16

Repair P Trap



- 1-1/4"
- 20 Gauge
- Less Cleanout
- Polished Chrome

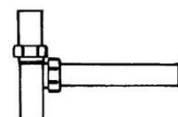
Model No.	Prod. No.	List Price
300RPC	1600040	26.18

Branch Tailpieces Direct Connect Slip Joint



Model No.	Prod. No.	List Price
1-1/2" x 6" Direct Connect - 22GA		
48SN - Satin	1603040	16.38
1-1/2" x 8" Direct Connect (7/8" O.D.)		
30-8W - White.....	1609200	1.76
1-1/2" x 8" Direct Connect (5/8" O.D.)		
31-8W - White.....	1609090	1.76
1-1/2" x 8" Slip Joint (7/8" O.D.)		
33-8W - White.....	1609085	1.76

Disposer Kit



Model No.	Prod. No.	List Price
1-1/2" Less P-Trap		
334W - White.....	1608998	3.52

YOUR COMPLETE SUPPLY HOUSE



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UNDERSINK PROTECTIVE PIPE COVERING

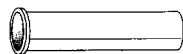


- 102W - One P-trap cover, two angle valve covers and two supply tube covers
- 103W - One P-trap cover, two angle valve covers, two supply tube covers, one 5" offset tailpiece wheelchair strainer cover

Model No.	Prod. No.	List Price
102W	1669900	40.12
103W	1669910	50.80

TAILPIECES & EXTENSION TUBES

Tailpieces & Extension Tubes



Sink Tailpieces

Model No.	Prod. No.	List Price
1-1/2" - 22 Gauge - Chrome		
110PC - 4"	1602740	3.42
111PC - 6"	1602800	3.98
112PC - 8"	1602840	5.24
114PC - 12"	1602940	6.06
1-1/2" - Plastic - White		
10-8W - 8"	1609130	1.14
10-12W - 12"	1609135	1.40
1-1/2" - Plastic - White - Double Flanged		
11-16PVC - 16"	1609137	1.44

Extension Tubes - Slip Joint

Model No.	Prod. No.	List Price
1-1/4" - 22 Gauge - Chrome		
1901PC - 6"	1602340	6.74
1669PC - 8"	1602380	7.50
1903PC - 12"	1602460	8.18
1-1/2" - 20 Gauge - Chrome		
231PC - 6"	1602500	10.08
232PC - 8"	1602540	10.14
234PC - 12"	1602620	9.42

Extension Tubes - Slip Joint

Model No.	Prod. No.	List Price
1-1/4" - White - Double End		
42-16W - 16"	1609141	3.60
1-1/2" - Plastic - White		
40-8WRUK - 8"	1609140	1.70
40-12W - 12"	1609142	1.92
1-1/2" - Plastic - White - Double End		
41-16PVC - 16"	1609143	2.10

Threaded Tubes

- Threaded both ends
- 12"
- 20 Gauge
- Chrome



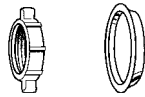
Model No.	Prod. No.	List Price
Both Ends		
1161PC - 1-1/4"	1603160	6.78
1164PC - 1-1/2"	1603320	9.08

Tubular & Misc. Brass

TAILPIECES & EXTENSION TUBES

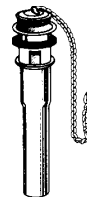
db Dearborn® Brass

Slip Joint Nuts & Polywashers



Model No.	Prod. No.	List Price
1-1/2" x 1-1/2" - No Washer		
55W.....	1609145	0.22
1-1/2" Polywasher		
T81-150.....	15511882	0.10
1-1/2" x 1-1/2" Beveled Polywasher		
65.....	1609147	0.12
1-1/2" x 1-1/4" Beveled Polywasher		
66.....	1609148	0.12

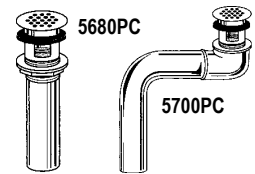
PO Plugs



- Two-Piece
- 22 Gauge
- 1-1/4"
- Polished Chrome

Model No.	Prod. No.	List Price
1063PC - 8"	1601930	12.34

Grid Strainers



- Cast Brass
- 1-1/4"
- Polished Chrome

Model No.	Prod. No.	List Price
5680PC - 8"	1603070	9.86
F/Wheelchair - 17 Gauge Tailpiece		
5700PC.....	1603075	21.42

MISCELLANEOUS BRASS

C.P. Brass Nipple



Model No.	Prod. No.	List Price
1/2" x Close	119220	6.05
1/2" x 2"	119240	8.23
1/2" x 3"	119260	11.49
1/2" x 3-1/2"	119270	13.11
1/2" x 4"	119280	15.03
1/2" x 4-1/2"	119290	16.31
1/2" x 5"	119300	17.97
1/2" x 6"	119320	21.88

C.P. Brass I.P.S. Fittings



Model No.	Prod. No.	List Price
90° Elbow-1/2"	1239550	11.28

C.P. Diecast Slip Joint Fittings



Model No.	Prod. No.	List Price
1-1/4" w/Washer	15510520	0.82
1-1/2".....	15510560	0.91
1-1/2" x 1-1/4".....	15510540	1.20
Chrome Plated		
1-1/4" x 1-1/4".....	15510500	1.06
1-1/2" x 1-1/2".....	15510505	1.30
1-1/2" x 1-1/4".....	15510510	1.73



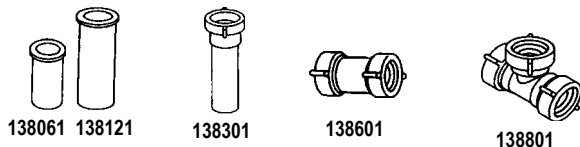
Springfield	Peoria	Bloomington
800-477-8526	800-477-0696	309-664-1770
FAX 217-793-7637	FAX 309-699-3987	FAX 309-664-1771
Champaign	Marion	St. Louis
800-477-1118	800-477-0231	800-489-8400
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TUBULAR MERCHANDISER PRODUCTS

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PRODUCTS

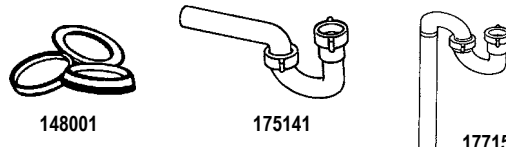


Model No.	Prod. No.	List Price
138061-6" Tailpiece	7826000	1.08
138121-12" Tailpiece	7826010	1.61
138301-12" Adj. Tailpiece	7826020	2.66
138401-Dishwasher Tailpiece	7826030	2.42
138601-Slip Coupler	7826050	1.67
138801-Tee Slip Coupler	7826070	2.31
138901-Universal 45° Slip Coupler	7826080	1.94
147151-Slip Jam Nut	7826090	0.64

138901

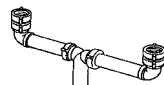
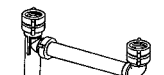


147151



Model No.	Prod. No.	List Price
148001-Assorted Slip Washers	7827000	0.88
175141-Washbasin Trap, 1-1/4"	7827020	2.66
175151-P-Trap	7827040	2.46
177151-P-Trap	7827060	6.45
186001-Continuous Waste, End Opening	7827070	4.64
186301-Baffle Tee	7828000	2.42
186101-Contin. Waste, Center Opening	7827090	4.88
722151-Trap Adapter F/1-1/2" Sch. 40 Pipe	7828010	1.12

186001



186101